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Leading Causes of Mortality
North Carolina Vital Statistics 1980, Volume 2
(Abbreviated)



State Center For Health Statistics
N.C. Department of Human Resources
Division of Health Services

LEADING CAUSES OF MORTALITY
NORTH CAROLINA VITAL STATISTICS 1980, VOLUME 2
(ABBREVIATED)

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STATE OF NORTH CAROLINA
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November 1981

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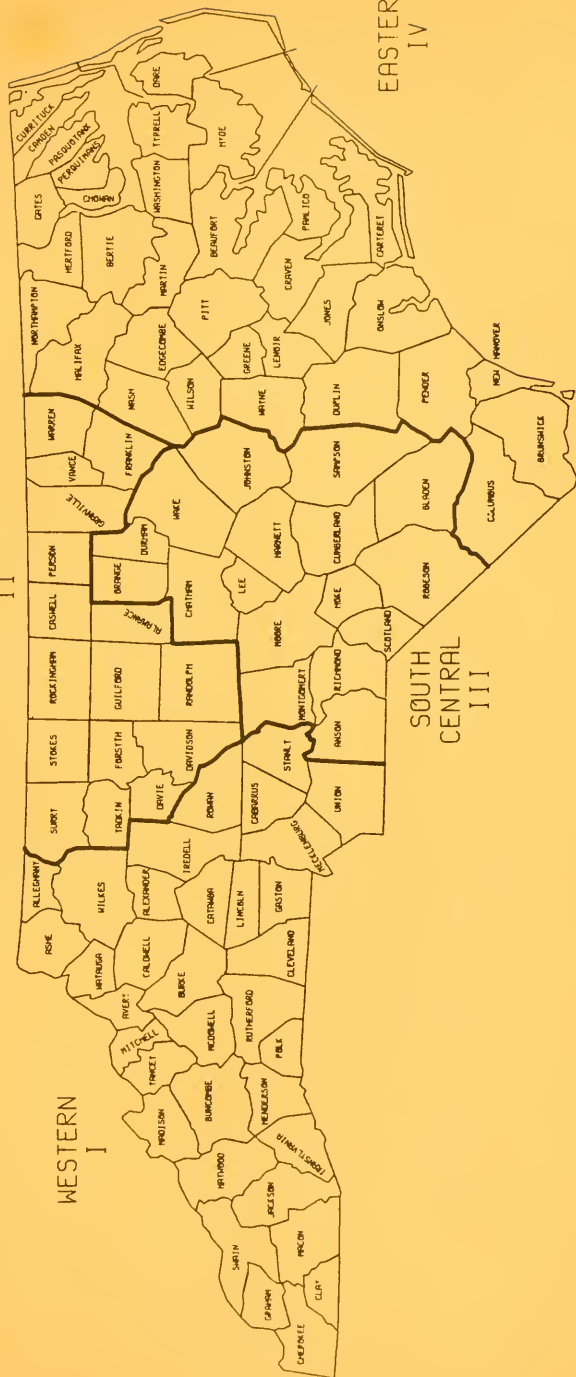
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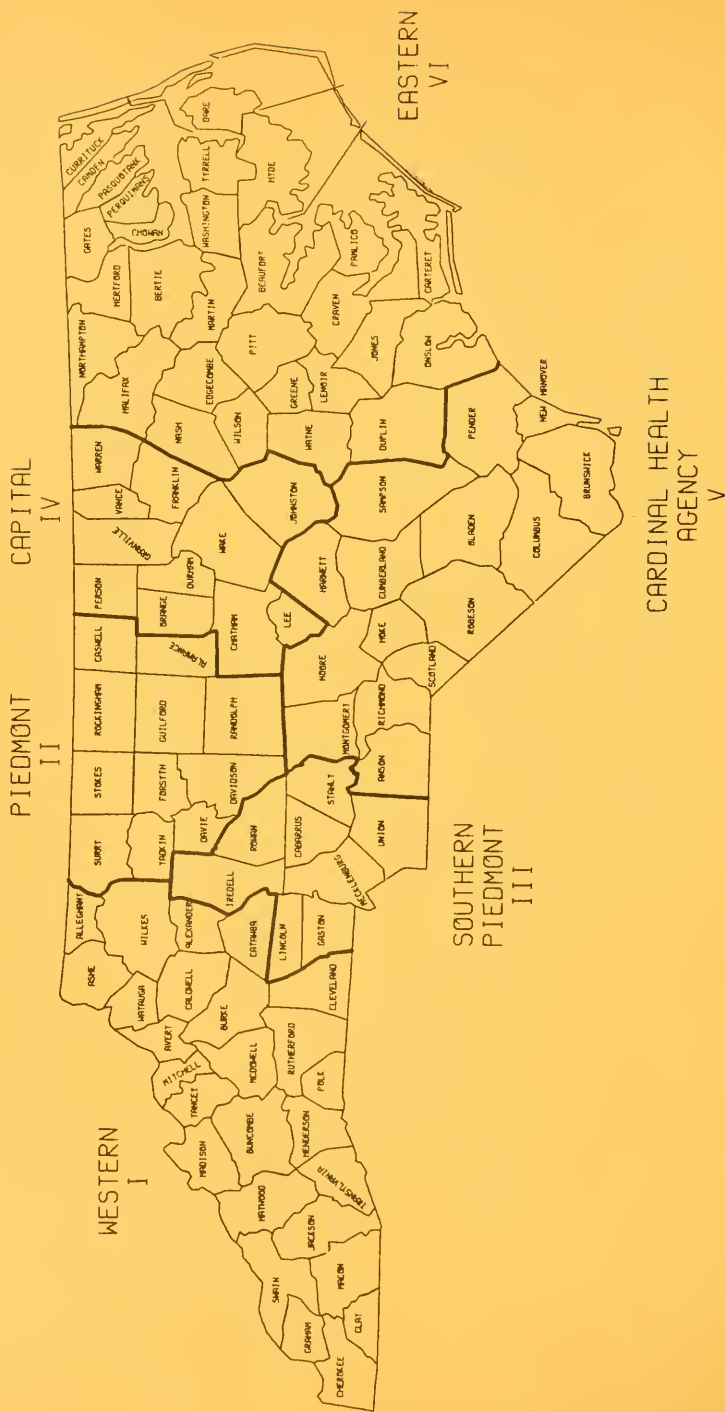
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NORTH CAROLINA HEALTH SERVICE AREAS



PREFACE

The State Center for Health Statistics has produced triennially a major publication describing North Carolina's mortality experience for a five-year period. Such a publication was due for 1975-79 data, but the change in 1979 from the Eighth to the Ninth Revision of the International Classification of Diseases made it undesirable to combine pre-1979 cause of death data with data for 1979 and later years. Changes in the cause-of-death classification system were described in detail in the abbreviated 1979 edition of this volume, where it was also explained that the standard format will be resumed in the 1981 edition with three-year rates (1979-81) replacing five-year rates. This edition of Leading Causes of Mortality for 1980 is also in an abbreviated format, showing single-year death rates. A major purpose of the present report is to assess how the death rates will change due to revisions of population counts by the 1980 Census. This assessment is contained in Section II of this volume.

The tables of this volume provide selected 1980 mortality statistics for counties, Department of Human Resources Regions, Health Service Areas, and the state (see maps on preceding pages). More than a dozen of North Carolina's leading causes of mortality are depicted in these tables; in addition, various cancer sites and total infant mortality are included. Table B on page 10 describes the cause-of-death categories in terms of codes from the Ninth Revision of the International Classification of Diseases.

Multiple conditions present at death for 1979 and 1980 will be portrayed in a special publication, and 1981 multiple conditions data will be resumed in the standard 1981 volume.

In using this volume, particular attention is called to the caution at the end of Section I.

I. COMPUTATION OF MORTALITY RATES

In this report, total death rates are expressed as resident deaths per 1,000 population while all cause-specific mortality rates are expressed as resident deaths per 100,000 population. All rates in Tables 1-26 use total population in the denominator, except rates for the sex-specific cancer sites, which use male or female population in the denominator. The infant mortality rates of Table 27 are computed as the number of resident deaths under one year of age per 1,000 resident live births. Population estimates for the rates of this report were provided by the Office of State Budget and Management of the North Carolina Department of Administration. These population estimates are based on final April 1, 1980 census figures for the county totals, with the sex breakouts derived by applying sex distribution projections to the census county totals.

Vital events in this report are allocated to place of residence. For deaths of inmates of long-term institutions (mental, penal, old age, orphan, nursing home, rest home, etc.), the institution is considered the usual residence provided the decedent had resided in the institution at least one year. College students and military personnel are considered residents of the college or military community.

The reader is strongly cautioned against placing too much faith in the one-year death rates in this volume. For a specific county and cause, where the numbers are small, there may be large random fluctuations from year to year that do not comprise a significant trend. A useful rule is that any rate based on fewer than 20 deaths in the numerator will have a 95 percent confidence interval which is about as wide as the rate itself (1). This means that all we could

confidently say about an area with 20 deaths out of, for example, 10,000 population is that the true rate is between 10 and 30 deaths per 10,000 population (or 100 and 300 deaths per 100,000). Multi-year rates are preferred in assessing patterns and trends at this level, but more than two years of data are not yet available due to the change in the disease classification system. It was considered more desirable to cautiously publish one-year data than to publish none at all.

II. CHANGES IN MORTALITY RATES DUE TO REVISION OF POPULATION COUNTS BY THE 1980 CENSUS

Every ten years (years ending in zero) the U.S. Bureau of the Census has conducted a count of the United States population, which includes a profile of the population's characteristics such as age, race, and sex. After a census year, estimates of population size and composition must be made based on knowledge of the population in the Census year plus subsequent events such as births, deaths, and migration. In the later years of a decade, estimates may depart considerably from the "true" population values, to the extent that assumptions particularly about in- and out-migration depart from what has actually occurred. Thus an estimate of the 1979 population of North Carolina based on a projection from 1970 may differ from an estimate of the 1979 population based on knowledge of a more current (1980) census count. Since almost all mortality rates in SCHS publications are based on population counts in the denominator, changes in estimates of population such as might result from a new census could cause substantial changes in the trend of rates over time.

To complicate the problem even further it is generally acknowledged that there was an under-count of the population of North Carolina in the 1970 census, particularly among nonwhites. Thus projections for later years will also tend to be low, and rates based on these population projections will be correspondingly high. Changing to the use of 1980 census figures for rate denominators will therefore by itself cause a decrease in rates from 1979 to 1980, to the extent that the 1980 census figures are higher than 1980 projections based on the 1970 census. To assess the effects of the changed population base, we have compared

PERCENT DIFFERENCE BETWEEN
1980 VITAL RATES USING 1980 CENSUS COUNTS IN THE DENOMINATOR
AND 1980 VITAL RATES USING 1980 POPULATION PROJECTIONS IN THE DENOMINATOR:
((CENSUS - PROJECTION) / PROJECTION) X 100

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Table A (continued)

HYDE	-1.3	2.6	-8.2	-1.2	-1.4	2.5	2.6	-8.0	-8.4
IREDELL	-2.7	-3.0	-1.5	-2.7	-2.7	-3.0	-2.9	-1.5	-1.5
JACKSON	1.8	3.1	-7.5	1.9	1.8	3.1	3.0	-1.4	-1.3
JOHNSTON	-4.1	-3.8	-5.2	-4.1	-4.1	-3.8	-3.8	-3.2	-3.2
JONES	-1.5	6.2	-11.5	-1.3	-1.8	6.2	6.3	-1.5	-1.6
LEE	-2.7	-3.1	-1.0	-2.7	-2.6	-3.2	-3.2	-1.1	-1.1
LENOIR	-6.4	-0.3	3.2	1.7	1.9	-0.4	-0.9	-3.6	-3.5
LINCOLN	-0.9	-5.9	-3.7	-6.0	-5.3	-6.0	-6.0	-3.6	-3.6
MCDORELL	-1.7	-0.1	-5.7	-2.0	-1.5	-1.0	-0.1	-3.2	-3.2
MADISON	3.9	4.4	-11.9	3.9	4.1	4.3	4.5	-4.3	-4.3
MARTIN	-1.3	3.1	-6.9	1.9	1.1	3.1	3.2	-6.8	-6.9
MECKLENBURG	-2.1	0.0	-7.7	-2.1	-2.1	-0.1	0.1	-7.7	-7.7
MITCHELL	-1.7	1.4	-51.3	-1.8	-1.6	-1.4	-1.3	-52.3	-50.0
MONTGOMERY	-12.8	-12.4	-13.1	-12.8	-12.9	-12.8	-12.9	-13.3	-13.3
MOORE	-10.2	-10.1	-10.4	-10.2	-10.2	-10.2	-10.4	-10.4	-10.4
NASH	3.0	3.9	1.2	3.0	3.0	3.8	3.9	1.3	1.2
NEW HANOVER	-0.6	-3.2	8.3	-0.8	-0.5	-3.2	8.4	8.2	8.2
NORTHAMPTON	2.6	1.6	3.3	2.7	2.6	1.8	1.4	3.3	3.3
CNSLOW	7.0	14.1	-15.2	7.6	6.0	14.8	12.9	14.8	15.9
ORANGE	-4.2	-3.2	-8.5	-4.0	-4.4	-3.0	-3.4	-8.5	-8.4
PAHLICO	-5.7	-7.3	-2.4	-5.8	-5.6	-7.4	-7.2	-2.4	-2.4
PASQUOTANK	2.5	2.1	3.1	2.5	2.4	2.2	1.9	3.1	3.2
PENDER	1.6	6.3	-5.6	1.6	1.7	6.2	6.4	-5.7	-5.6
PERQUIMANS	-1.9	-11.3	3.0	-6.0	-5.7	-11.5	-11.1	-3.1	-3.1
PERSON	-6.0	-0.7	-17.2	-6.1	-6.0	-0.8	-0.7	-17.2	-17.3
PITT	-1.9	-0.1	-5.3	-1.9	-1.9	-0.1	-0.0	-5.3	-5.3
ROCKFORD	-5.0	0.4	-7.6	1.0	1.1	0.3	0.4	-7.6	-7.6
RICHMOND	-3.4	-7.9	-11.9	-3.9	-3.4	-7.9	-7.9	-11.9	-12.0
ROBERTSON	-8.9	-1.8	-5.3	-8.9	-3.9	-1.8	-1.8	-5.3	-5.3
ROCKINGHAM	-3.1	-4.0	-14.0	-6.1	-6.1	-4.0	-3.9	-14.0	-14.0
ROVAN	-5.1	-4.9	-8.5	-5.5	-5.5	-4.9	-4.8	-8.5	-8.5
RUTHERFORD	-2.3	0.6	-22.9	-2.4	-2.2	0.6	0.7	-22.8	-23.0
SAMPSON	0.5	-0.6	2.5	0.5	0.6	-0.7	0.5	2.5	2.5
SCOTLAND	-3.5	0.3	-8.7	3.4	-3.6	0.3	0.3	-8.7	-8.8
STANLY	-5.4	-3.2	-21.7	-5.4	-5.4	-3.2	-3.2	-21.7	-21.6
STOKES	-6.3	-5.2	-19.3	-6.4	-6.2	-5.3	-5.1	-19.5	-19.0
SURRY	-5.5	-3.1	-12.3	-3.2	-3.6	-3.1	-3.0	-12.1	-12.5
SWAIN	5.4	2.3	14.3	5.9	4.9	2.3	2.3	14.3	14.1
TRANSLYVANIA	-4.2	-3.7	-11.6	-4.3	-4.0	-3.8	-3.6	-11.6	-11.7
TYRELL	-0.1	2.5	-4.1	0.0	-0.1	2.6	2.5	-4.0	-4.2
UNION	-5.1	-4.3	-9.1	-5.1	-5.1	-4.3	-4.3	-9.0	-9.2
VANCE	-5.6	-0.8	-12.0	-5.7	-5.6	-0.8	-0.7	-12.0	-12.0
WAKEEN	-2.8	-2.4	-4.4	-2.8	-2.3	-2.3	-2.3	-4.4	-4.4
WAKEEN	5.4	10.5	3.5	6.5	8.8	9.5	10.0	3.5	7.5
WASHINGTON	-3.3	12.0	-15.3	3.2	-3.1	-2.4	2.3	-15.3	-15.3
WAYNE	-3.1	-5.1	-1.3	-3.1	-3.1	-2.4	-2.4	-1.3	-1.3
WILKES	-3.0	-2.9	1.8	-3.1	-2.9	-2.9	-2.9	1.8	1.2
WILSON	-1.7	2.9	-9.7	-1.5	-1.9	2.9	2.9	-9.7	-9.7
YADKIN	-1.9	-0.4	-21.1	-2.1	-1.7	-0.9	-0.8	-21.3	-20.9
YANCEY	0.8	-0.0	52.8	1.4	0.2	0.0	-0.1	55.3	48.2
NORTH CAROLINA	-2.7	-1.6	-6.2	-2.6	-2.6	-1.5	-1.8	-6.4	-6.1

for each county rates using the 1980 census counts as denominators to rates using the same numerators but employing 1980 population projections as the denominator. Both population figures (census and projection) are for April 1, 1980. The census counts are the numbers used to compute the rates in Tables 1-26 of this volume. The 1980 projections are from the same series of projections based on the 1970 census as the numbers used for denominators in 1979, 1978, and earlier publications. Thus the percent difference between the two rates is the amount of change in a rate from an earlier year to 1980 that would be due to switching denominators. These percent differences are shown in Table A and will be the same regardless of the size of the numerator (number of deaths) in any particular rate. These percent differences pertain to mortality rates in this context but would also apply to any rate using these population figures as denominators.

As Table A shows, using 1980 census population in the denominator causes a 2.7 percent decrease for vital rates for North Carolina as a whole. For nonwhites the decrease is 6.2 percent, compared to 1.6 percent for whites. Changes are also shown for sex and race-sex groups. A rate based on female population, for example, such as the death rate for cervical cancer, will decrease by 2.8 percent as a result of changing to the census population in the denominator. It should be mentioned that while the population totals and the breakouts by race are final census figures, the sex distributions used here are based on projections since the final census population by sex was not available at the publication of this volume.

Though the effect on mortality rates of using census population in the denominator is not great for the state as a whole, there is a tremendous variation by county. In general, the census figures are higher than the projections,

causing a decrease in the rates, and the decrease for nonwhites is generally much greater than that for whites. In Mitchell County, for example, any vital rate for nonwhites would decrease by over 50 percent from 1979 to 1980 only as a result of using the 1980 census population in the denominator rather than a population projection from 1970. Thus a seemingly major downturn in mortality would in fact be a statistical artifact. In those counties where the change is great for nonwhites, the nonwhites are generally few in number and a small percent of the population (as in western N.C. counties). Counties where there is a decrease in nonwhite vital rates of over 10 percent as a result of using census population were highlighted in Table 3 of SCHS Statistical Primer, Vol. 1, No. 2. Slight differences between some of the percent decreases shown there and those shown here in Table A are due primarily to minor revisions in the census figures since that publication. Some counties, on the other hand, would experience an increase in rates as a result of using the census population; Yancey County's projected 1980 nonwhite population was 356, compared to the census count of 233, which causes an increase in rates of 52.8 percent when the census figure is used in the denominator rather than the projection. Though death rates by race are not shown in this volume, they can be derived from our Detailed Mortality Statistics volumes and corresponding county printouts or microfiche, plus the population bases.

Users of SCHS publications for 1979 and prior years must be aware of these biases when looking at trends in mortality rates to 1980 and later years, particularly when analysis is at the county level or for the nonwhite population.

For Dare County, for example (see Table A), to trace the death rate from 1975 to 1980 using SCHS publications, one should decrease the 1975 and other pre - 1980 rates by 16.8 percent in order to make these rates more comparable to the 1980 rate. An alternative would be to recompute the 1975 rate using a 1975 population

estimate based on 1980 census information (though these estimates are not yet available from the Division of State Budget and Management). Differences of less than 5 percent in Table A can probably be ignored since the rates themselves are subject to some error (the smaller the numerator the larger the error). But where the differences are ten percent or more, the user should definitely make adjustments when looking at trends from the 1970's to 1980 and beyond.

Changes in population estimates thus represent a second recent source of discontinuity in mortality rates over time. The change in the disease classification system from 1978 to 1979 was described in the 1979 Leading Causes of Mortality.

III. NORTH CAROLINA MORTALITY PATTERNS AND TRENDS

This is an abbreviated portrayal of North Carolina mortality patterns and trends similar to that in the 1979 Leading Causes of Mortality volume (see PREFACE). Only 1980 data are shown in this volume, and mortality rates based on just one year of information may be unstable. Conclusions about trends based on single-year rates may thus be invalid. In the 1981 Leading Causes of Mortality volume we will use three years of mortality information under the 9th revision of the ICD (1979-1981) to compute rates based on the census population for purposes of looking at longer term trends in mortality. In that analysis of trends it will be important to adjust for discontinuities due to revision of the ICD in 1979 and due to revision of population bases as discussed in the preceding section. In the present section we will just examine 1980 death rates by cause and changes from 1979 to 1980.

In the 1979 Leading Causes of Mortality some significant race-sex differentials in mortality were pointed out. We do not expect that this picture has changed very much in one year. In the 1981 volume we will examine these differentials using the three-year rates and also look at trends in these race-sex differentials.

Table B shows numbers of deaths of North Carolina residents in 1980 by cause and also death rates for 1980. Again, heart disease, cancer, and cerebrovascular disease are the leading causes of death. In looking at changes in death rates from 1979 to 1980 (shown in Table B) it is not necessary to adjust for classification changes since in both years deaths were recorded under the 9th revision of the ICD. An adjustment has been made, however, for the fact that the

TABLE B
MORTALITY STATISTICS FOR 1980 and
PERCENT CHANGE IN DEATH RATES 1979-1980
NORTH CAROLINA RESIDENTS

Cause of Death - Ninth Revision International Classification of Diseases	No. of Deaths 1980	Death Rate* 1980	Percent Change In Death Rate ** 1979-1980
All Causes	48,426	8.2	1.8
Diseases of Heart (390-398,402,404-429)	17,579	299.2	-0.6
Acute Myocardial Infarction (410)	8,008	136.3	-2.8
Other Forms of Ischemic Heart Disease (411-414)	4,769	81.2	-0.4
Hypertension with or without Renal Disease (401,403)	243	4.1	2.8
Cerebrovascular Disease (430-438)	4,760	81.0	-0.4
Atherosclerosis (440)	568	9.7	-3.2
Cancer (140-208)	9,698	165.1	4.5
Stomach (151)	274	4.7	-8.9
Colon, Rectum and Anus (153,154)	1,038	17.7	-1.1
Pancreas (157)	532	9.1	14.1
Trachea, Bronchus, and Lung (162)	2,374	40.4	4.6
Female Breast (174)	788	26.0	4.1
Cervix Uteri (180)	164	5.4	29.2
Ovary and other Uterine Adnexa . . (183)	231	7.6	-2.3
Prostate (185)	616	21.7	5.1
Leukemia (204-208)	393	6.7	2.8
Diabetes Mellitis (250)	866	14.7	5.6
Pneumonia and Influenza (480-487)	1,259	21.4	17.0
Chronic Obstructive Pulmonary Disease (490-496) and Allied Conditions	1,221	20.8	10.2
Chronic Liver Disease and Cirrhosis (571)	715	12.2	-1.3
Nephritis, Nephrotic Syndrome, & Nephrosis (580-589)	479	8.2	6.7
Motor Vehicle Accidents (810-825)	1,570	26.7	0.1
All Other Accidents and Adverse Effects (800-807, 826-949)	1,592	27.1	3.2
Suicide (950-959)	657	11.2	-7.9
Homicide (960-978)	669	11.4	-1.5

*See Section I

**1979 rate (from 1979 Leading Causes of Mortality) has been adjusted downward by 2.7 percent (2.6 percent for male cancer sites and 2.8 for female) before computing percent change in order to correct for discontinuities in population bases from 1979 to 1980 (see last row of Table A of this volume). This type of adjustment would be more important when comparing rates for many counties and for nonwhites.

1979 published rates were based on population projections whereas the 1980 rates are based on census population. One should be wary of making conclusions about mortality trends on the basis of one-year rates, especially at the county level, but some interesting directions are suggested for the state as a whole in Table B. After adjusting the 1979 crude death rate downward by 2.7 percent to account for the increase in the census count over the projected population, the crude death rate exhibited a slight increase from 1979 to 1980. Heart disease changed very little while the cancer death rate continued to increase. Cancer of the pancreas increased by 14 percent and cancer of the cervix uteri increased by almost 30 percent in just one year. Pneumonia and influenza and chronic obstructive pulmonary disease increased by more than ten percent from 1979 to 1980. A death rate would have to have about 400 deaths in the numerator for a 10 percent increase in the rate to be statistically significant at the 95 percent confidence level. So we are reasonably sure that the death rate increases for cancer of the pancreas, pneumonia and influenza, and chronic obstructive pulmonary disease represent real increases.

Regarding the cervical cancer death rate, with 124 deaths in the numerator (1979), an increase in the rate of 18.0 percent would be statistically significant at the 95 percent confidence level; thus the 29.2 percent increase from 1979 to 1980 is a substantial change that we would not expect to occur by chance. Several potential sources of change due to coding differences between the two years have been examined, and the increase does not appear to be a result of these classification factors. Both the number of deaths due to cancer of the cervix and the death rate decreased consistently from at least 1963 (257 deaths) to 1979 (124 deaths), so the increase from 1979 to 1980 could mean the end of a longstanding trend of improvement. The increase in cervical cancer deaths from 1979 to 1980

was heavily concentrated among nonwhites: white deaths increased from 77 to 80, while the number of nonwhite deaths from this cause went up 34 percent from 47 to 64.

This increase in the deaths of North Carolina residents from cancer of the cervix may represent the cessation of a downward trend, and is a potential source of concern to the health care community. The Division of Health Services will continue to investigate these events and to examine future patterns of mortality. A report on the findings of this study will be published at a later date.

IV. TABLES: MORTALITY STATISTICS FOR 1980

TABLE 1
MORTALITY STATISTICS FOR 1980
NORTH CAROLINA RESIDENTS
TOTAL DEATHS (PER 1000 POPULATION)

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	48426	8.24	42 HALIFAX	586	10.59
REGIONS			43 HARNETT	503	8.44
DHR I WESTERN	16687	8.29	44 HAYWOOD	427	9.18
DHR II N. CENTRAL	10551	8.36	45 HENDERSON	613	10.46
DHR III S. CENTRAL	10372	7.64	46 HERTFORD	224	9.58
DHR IV EASTERN	10816	8.69	47 HOKE	142	6.96
			48 HYDE	58	9.87
HSA I WESTERN	8723	8.57	49 IREDELL	679	8.22
HSA II PIEDMONT	9005	8.07	50 JACKSON	178	6.89
HSA III S. PIEDMONT	7964	7.99	51 JOHNSTON	737	10.43
HSA IV CAPITAL	6631	8.11	52 JONES	94	9.68
HSA V CARDINAL	7202	8.02	53 LEE	387	10.54
HSA VI EASTERN	8901	8.62	54 LENOIR	572	9.56
COUNTIES			55 LINCOLN	358	8.44
1 ALAMANCE	859	8.66	56 MCDOWELL	249	7.08
2 ALEXANDER	181	7.24	57 MACON	216	10.70
3 ALLEGHANY	104	10.84	58 MADISON	164	9.74
4 ANSON	261	10.21	59 MARTIN	268	10.32
5 ASHE	211	9.45	60 MECKLENBURG	2891	7.15
6 AVERY	111	7.70	61 MITCHELL	154	10.67
7 BEAUFORT	459	11.39	62 MONTGOMERY	241	10.72
8 BERTIE	250	11.89	63 MOORE	554	10.96
9 BLADEN	307	10.08	64 NASH	650	9.67
10 BRUNSWICK	338	9.44	65 NEW HANOVER	870	8.40
11 BUNCOMBE	1603	9.96	66 NORTHAMPTON	252	11.15
12 BURKE	548	7.55	67 ONSLOW	445	3.94
13 CABARRUS	802	9.33	68 ORANGE	453	5.87
14 CALDWELL	481	7.09	69 PAMLICO	117	11.25
15 CAMDEN	56	9.60	70 PASQUOTANK	258	9.06
16 CARTERET	330	8.03	71 PENDER	208	9.36
17 CASWELL	187	9.03	72 PERQUIMANS	92	9.70
18 CATAWBA	771	7.32	73 PERSON	279	9.56
19 CHATHAM	262	7.84	74 PITT	666	7.96
20 CHEROKEE	171	9.03	75 POLK	159	12.24
21 CHOWAN	149	11.86	76 RANDOLPH	653	7.10
22 CLAY	60	9.06	77 RICHMOND	454	9.98
23 CLEVELAND	702	8.41	78 ROBESON	846	8.32
24 COLUMBUS	499	9.77	79 ROCKINGHAM	763	9.14
25 CRAVEN	478	6.72	80 ROWAN	947	9.54
26 CUMBERLAND	1245	5.03	81 RUTHERFORD	495	9.20
27 CURRITUCK	106	9.56	82 SAMPSON	457	9.19
28 DARE	119	8.89	83 SCOTLAND	277	8.58
29 DAVIDSON	802	7.08	84 STANLY	438	9.02
30 DAVIE	189	7.68	85 STOKES	240	7.25
31 DUPLIN	381	9.30	86 SURRY	518	8.71
32 DURHAM	1294	8.46	87 SWAIN	109	10.60
33 EDGECOMBE	505	9.01	88 TRANSYLVANIA	158	6.74
34 FORSYTH	2015	8.26	89 TYRRELL	45	11.32
35 FRANKLIN	314	10.44	90 UNION	507	7.20
36 GASTON	1342	8.25	91 VANCE	401	10.91
37 GATES	88	9.91	92 WAKE	1952	6.48
38 GRAHAM	56	7.76	93 WARREN	185	11.39
39 GRANVILLE	367	10.79	94 WASHINGTON	150	10.13
40 GREENE	120	7.44	95 WATAUGA	200	6.31
41 GUILFORD	2535	7.99	96 WAYNE	778	8.01
			97 WILKES	483	8.23
			98 WILSON	605	9.58
			99 YADKIN	244	8.57
			100 YANCEY	119	7.96

* SEE SECTION I

TABLE 2
MORTALITY STATISTICS FOR 1980
NORTH CAROLINA RESIDENTS
DISEASES OF HEART

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	17579	299.24	42 HALIFAX	210	379.84
			43 HARNETT	217	364.26
REGIONS			44 HAYWOOD	160	344.13
DHR I WESTERN	6236	309.81	45 HENDERSON	232	396.03
DHR II N. CENTRAL	3836	304.22	46 HERTFORD	80	342.39
DHR III S. CENTRAL	3688	271.87	47 HOKE	45	220.82
DHR IV EASTERN	3819	306.95	48 HYDE	22	374.59
			49 IREDELL	248	300.47
			50 JACKSON	74	286.69
HSA I WESTERN	3329	327.30	51 JOHNSTON	310	439.11
HSA II PIEDMONT	3246	291.20	52 JONES	40	412.24
HSA III S. PIEDMONT	2907	291.94	53 LEE	147	400.37
HSA IV CAPITAL	2394	292.81	54 LENOIR	200	334.33
HSA V CARDINAL	2550	284.09	55 LINCOLN	146	344.57
HSA VI EASTERN	3153	305.61	56 MCDOWELL	103	293.16
			57 MACON	81	401.36
COUNTIES			58 MADISON	57	338.78
1 ALAMANCE	321	323.80	59 MARTIN	104	400.80
2 ALEXANDER	64	256.01	60 MECKLENBURG	981	242.66
3 ALLEGHANY	38	396.32	61 MITCHELL	58	401.96
4 ANSON	97	379.48	62 MONTGOMERY	96	427.25
5 ASHE	78	349.36	63 MOORE	209	413.82
6 AVERY	55	381.89	64 NASH	215	320.17
7 BEAUFORT	157	389.90	65 NEW HANOVER	304	293.80
8 BERTIE	89	423.32	66 NORTHAMPTON	91	402.94
9 BLADEN	119	390.81	67 ONSLOW	141	125.00
10 BRUNSWICK	128	357.83	68 ORANGE	135	175.19
11 BUNCOMBE	610	379.04	69 PAMLICO	50	480.86
12 BURKE	200	275.84	70 PASQUOTANK	103	361.88
13 CABARRUS	315	366.73	71 PENDER	78	351.12
14 CALDWELL	175	258.31	72 PERQUIMANS	27	284.75
15 CAMDEN	25	428.74	73 PERSON	112	384.00
16 CARTERET	145	352.89	74 PITT	241	288.10
17 CASWELL	80	386.39	75 POLK	66	508.43
18 CATAWBA	275	261.38	76 RANDOLPH	222	241.67
19 CHATHAM	104	311.20	77 RICHMOND	161	354.03
20 CHEROKEE	56	295.79	78 ROBESON	277	272.71
21 CHOWAN	37	294.67	79 ROCKINGHAM	258	309.25
22 CLAY	34	513.44	80 ROWAN	342	344.79
23 CLEVELAND	292	349.98	81 RUTHERFORD	184	342.08
24 COLUMBUS	156	305.66	82 SAMPSON	169	340.12
25 CRAVEN	154	216.76	83 SCOTLAND	96	297.46
26 CUMBERLAND	398	161.02	84 STANLY	175	360.67
27 CURRITUCK	34	306.69	85 STOKES	87	262.97
28 DARE	54	403.70	86 SURRY	197	331.36
29 DAVIDSON	292	258.03	87 SWAIN	36	350.19
30 DAVIE	70	284.54	88 TRANSYLVANIA	53	226.32
31 DUPLIN	130	317.45	89 TYRRELL	18	452.83
32 DURHAM	455	297.81	90 UNION	183	260.02
33 EDGECOMBE	183	326.85	91 VANCE	156	424.52
34 FORSYTH	759	311.47	92 WAKE	653	217.06
35 FRANKLIN	121	402.58	93 WARREN	58	357.31
36 GASTON	517	318.02	94 WASHINGTON	63	425.64
37 GATES	36	405.58	95 WATAUGA	80	252.55
38 GRAHAM	20	277.23	96 WAYNE	268	276.14
39 GRANVILLE	143	420.66	97 WILKES	205	349.48
40 GREENE	44	273.00	98 WILSON	192	304.11
41 GUILFORD	876	276.20	99 YADKIN	84	295.36
			100 YANCEY	43	287.95

* SEE SECTION I

TABLE 3
MORTALITY STATISTICS FOR 1980
NORTH CAROLINA RESIDENTS
ACUTE MYOCARDIAL INFARCTION

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	8008	136.32	42 HALIFAX	88	159.17
REGIONS			43 HARNETT	80	134.29
			44 HAYWOOD	69	148.40
DHR I WESTERN	2937	145.91	45 HENDERSON	98	167.29
DHR II N. CENTRAL	1801	142.83	46 HERTFORD	36	154.07
DHR III S. CENTRAL	1604	118.24	47 HOKE	22	107.95
DHR IV EASTERN	1666	133.90	48 HYDE	13	221.35
			49 IREDELL	128	155.08
HSA I WESTERN	1545	151.90	50 JACKSON	29	112.35
HSA II PIEDMONT	1529	137.16	51 JOHNSTON	101	143.06
HSA III S. PIEDMONT	1392	139.79	52 JONES	18	185.50
HSA IV CAPITAL	976	119.37	53 LEE	63	171.58
HSA V CARDINAL	1216	135.47	54 LENOIR	107	178.86
HSA VI EASTERN	1350	130.85	55 LINCOLN	81	191.16
COUNTIES			56 MCDOWELL	47	133.77
			57 MACON	36	178.38
1 ALAMANCE	159	160.38	58 MADISON	22	130.75
2 ALEXANDER	20	80.00	59 MARTIN	23	88.63
3 ALLEGHANY	24	250.31	60 MECKLENBURG	325	80.39
4 ANSON	41	160.40	61 MITCHELL	27	187.12
5 ASHE	43	192.60	62 MONTGOMERY	57	253.68
6 AVERY	33	229.13	63 MOORE	119	235.62
7 BEAUFORT	63	156.45	64 NASH	88	131.04
8 BERTIE	45	214.04	65 NEW HANOVER	129	124.67
9 BLADEN	60	197.05	66 NORTHAMPTON	41	181.54
10 BRUNSWICK	62	173.32	67 ONSLOW	68	60.28
11 BUNCOMBE	241	149.75	68 ORANGE	56	72.67
12 BURKE	109	150.33	69 PAMLICO	25	240.43
13 CABARRUS	189	220.03	70 PASQUOTANK	33	115.94
14 CALDWELL	92	135.79	71 PENDER	40	180.06
15 CAMDEN	11	188.64	72 PERQUIMANS	10	105.46
16 CARTERET	78	189.83	73 PERSON	49	168.00
17 CASWELL	36	173.87	74 PITT	84	100.41
18 CATAWBA	160	152.07	75 POLK	27	207.99
19 CHATHAM	45	134.65	76 RANDOLPH	120	130.63
20 CHEROKEE	34	179.59	77 RICHMOND	81	178.11
21 CHOWAN	14	111.50	78 ROBESON	126	124.04
22 CLAY	24	362.42	79 ROCKINGHAM	135	161.82
23 CLEVELAND	142	170.19	80 ROWAN	185	186.51
24 COLUMBUS	85	166.54	81 RUTHERFORD	83	154.30
25 CRAVEN	65	91.49	82 SAMPSON	92	185.15
26 CUMBERLAND	179	72.42	83 SCOTLAND	43	133.23
27 CURRITUCK	13	117.26	84 STANLY	101	208.16
28 DARE	23	171.94	85 STOKES	48	145.08
29 DAVIDSON	126	111.34	86 SURRY	97	163.15
30 DAVIE	39	158.53	87 SWAIN	19	184.82
31 DUPLIN	80	195.35	88 TRANSYLVANIA	25	106.75
32 DURHAM	194	126.97	89 TYRRELL	11	276.72
33 EDGECOMBE	71	126.81	90 UNION	106	150.61
34 FORSYTH	335	137.47	91 VANCE	74	201.37
35 FRANKLIN	75	249.53	92 WAKE	245	81.44
36 GASTON	277	170.39	93 WARREN	24	147.85
37 GATES	12	135.19	94 WASHINGTON	17	114.85
38 GRAHAM	11	152.48	95 WATAUGA	49	154.69
39 GRANVILLE	50	147.08	96 WAYNE	112	115.40
40 GREENE	16	99.27	97 WILKES	61	103.99
41 GUILFORD	387	122.02	98 WILSON	85	134.63
			99 YADKIN	47	165.26
			100 YANCEY	20	133.93

* SEE SECTION I

TABLE 4
MORTALITY STATISTICS FOR 1980

NORTH CAROLINA RESIDENTS

OTHER FORMS OF ISCHEMIC HEART DISEASE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	4769	81.18	42 HALIFAX	67	121.18
REGIONS			43 HARNEY	73	122.54
DHR I WESTERN	1688	83.86	44 HAYWOOD	52	111.84
DHR II N. CENTRAL	968	76.77	45 HENDERSON	80	136.56
DHR III S. CENTRAL	1076	79.32	46 HERTFORD	15	64.19
DHR IV EASTERN	1037	83.34	47 HOKE	10	49.07
HSA I WESTERN	911	89.56	48 HYDE	3	51.08
HSA II PIEDMONT	864	77.50	49 IREDELL	68	82.38
HSA III S. PIEDMONT	777	78.03	50 JACKSON	14	54.24
HSA IV CAPITAL	677	82.80	51 JOHNSTON	134	189.81
HSA V CARDINAL	657	73.19	52 JONES	13	133.97
HSA VI EASTERN	883	85.58	53 LEE	40	108.94
COUNTIES			54 LENOIR	48	80.24
1 ALAMANCE	109	109.95	55 LINCOLN	26	61.36
2 ALEXANDER	21	84.00	56 MCDOWELL	29	82.54
3 ALLEGHANY	6	62.57	57 MACON	24	118.92
4 ANSON	33	129.10	58 MADISON	16	95.09
5 ASHE	13	58.22	59 MARTIN	33	127.17
6 AVERY	10	69.43	60 MECKLENBURG	347	85.83
7 BEAUFORT	26	64.57	61 MITCHELL	11	76.23
8 BERTIE	16	76.10	62 MONTGOMERY	20	89.01
9 BLADEN	21	68.96	63 MOORE	45	89.10
10 BRUNSWICK	30	83.86	64 NASH	65	96.79
11 BUNCOMBE	213	132.35	65 NEW HANOVER	65	62.82
12 BURKE	59	81.37	66 NORTHAMPTON	29	128.40
13 CAGARRUS	67	78.00	67 ONSLOW	39	34.57
14 CALDWELL	43	63.47	68 ORANGE	34	44.12
15 CAMDEN	9	154.34	69 PAMLICO	10	96.17
16 CARTERET	15	36.50	70 PASQUOTANK	36	126.48
17 CASWELL	28	135.23	71 PENDER	23	103.53
18 CATAWBA	63	59.88	72 PERQUIMANS	8	84.37
19 CHATHAM	33	98.74	73 PERSON	8	27.42
20 CHEROKEE	11	58.10	74 PITT	76	90.85
21 CHOWAN	12	95.57	75 POLK	22	169.47
22 CLAY	3	45.30	76 RANDOLPH	55	59.87
23 CLEVELAND	40	47.94	77 RICHMOND	53	116.54
24 COLUMBUS	36	70.53	78 ROBESON	88	86.63
25 CRAVEN	43	60.52	79 ROCKINGHAM	53	63.52
26 CUMBERLAND	111	44.90	80 ROWAN	69	69.56
27 CURRITUCK	11	99.22	81 RUTHERFORD	37	68.78
28 DARE	13	97.18	82 SAMPSON	32	64.40
29 DAVIDSON	88	77.76	83 SCOTLAND	17	52.67
30 DAVIE	17	69.10	84 STANLY	40	82.44
31 DUPLIN	26	63.49	85 STOKES	24	72.54
32 DURHAM	128	83.78	86 SURRY	35	58.87
33 EDGEcombe	58	103.59	87 SWAIN	4	38.91
34 FORSYTH	190	77.97	88 TRANSYLVANIA	11	46.97
35 FRANKLIN	19	63.21	89 TYRRELL	6	150.94
36 GASTON	125	76.89	90 UNION	35	49.73
37 GATES	14	157.72	91 VANCE	25	68.03
38 GRAHAM	5	69.30	92 WAKE	204	67.81
39 GRANVILLE	29	85.30	93 WARREN	23	141.69
40 GREENE	17	105.47	94 WASHINGTON	15	101.34
41 GUILFORD	245	77.24	95 WATAUGA	9	28.41
			96 WAYNE	83	85.52
			97 WILKES	102	173.89
			98 WILSON	77	121.96
			99 YADKIN	20	70.32
			100 YANCEY	13	87.05

* SEE SECTION I

TABLE 5

MORTALITY STATISTICS FOR 1980

NORTH CAROLINA RESIDENTS

HYPERTENSION WITH OR WITHOUT RENAL DISEASE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	243	4.13	42 HALIFAX	0	0.00
REGIONS			43 HARNETT	1	1.67
DHR I WESTERN	80	3.97	44 HAYWOOD	0	0.00
DHR II N. CENTRAL	40	3.17	45 HENDERSON	3	5.12
DHR III S. CENTRAL	70	5.16	46 HERTFORD	1	4.27
DHR IV EASTERN	53	4.25	47 HOKE	1	4.90
HSA I WESTERN	30	2.94	48 HYDE	0	0.00
HSA II PIEDMONT	31	2.78	49 IREDELL	4	4.84
HSA III S. PIEDMONT	50	5.02	50 JACKSON	2	7.74
HSA IV CAPITAL	37	4.52	51 JOHNSTON	6	8.49
HSA V CARDINAL	52	5.79	52 JONES	1	10.30
HSA VI EASTERN	43	4.16	53 LEE	3	8.17
COUNTIES			54 LENOIR	2	3.34
1 ALAMANCE	1	1.00	55 LINCOLN	2	4.72
2 ALEXANDER	0	0.00	56 MCDOWELL	0	0.00
3 ALLEGHANY	1	10.42	57 MACON	3	14.86
4 ANSON	4	15.64	58 MADISON	0	0.00
5 ASHE	0	0.00	59 MARTIN	4	15.41
6 AVERY	0	0.00	60 MECKLENBURG	23	5.68
7 BEAUFORT	3	7.45	61 MITCHELL	1	6.93
8 BERTIE	2	9.51	62 MONTGOMERY	4	17.80
9 BLADEN	1	3.28	63 MOORE	0	0.00
10 BRUNSWICK	1	2.79	64 NASH	4	5.95
11 BUNCOMBE	5	3.10	65 NEW HANOVER	4	3.86
12 BURKE	3	4.13	66 NORTHAMPTON	2	8.85
13 CABARRUS	1	1.16	67 ONSLOW	2	1.77
14 CALDWELL	1	1.47	68 ORANGE	4	5.19
15 CAMDEN	0	0.00	69 PAMLICO	0	0.00
16 CARTERET	1	2.43	70 PASQUOTANK	0	0.00
17 CASWELL	1	4.82	71 PENDER	0	0.00
18 CATAWBA	2	1.90	72 PERQUIMANS	0	0.00
19 CHATHAM	3	8.97	73 PERSON	0	0.00
20 CHEROKEE	3	15.84	74 PILT	4	4.78
21 CHOWAN	0	0.00	75 POLK	1	7.70
22 CLAY	0	0.00	76 RANDOLPH	3	3.26
23 CLEVELAND	3	3.59	77 RICHMOND	4	8.79
24 COLUMBUS	5	9.79	78 ROBESON	5	4.92
25 CRAVEN	1	1.40	79 ROCKINGHAM	5	5.99
26 CUMBERLAND	18	7.28	80 ROWAN	6	6.04
27 CURRITUCK	0	0.00	81 RUTHERFORD	0	0.00
28 DARE	0	0.00	82 SAMPSON	1	2.01
29 DAVIDSON	1	0.88	83 SCOTLAND	3	9.29
30 DAVIE	0	0.00	84 STANLY	0	0.00
31 DUPLIN	1	2.44	85 STOKES	1	3.02
32 DURHAM	8	5.23	86 SURRY	2	3.36
33 EDGEcombe	1	1.78	87 SWAIN	0	0.00
34 FORSYTH	9	3.69	88 TRANSYLVANIA	0	0.00
35 FRANKLIN	2	6.65	89 TYRRELL	0	0.00
36 GASTON	10	6.15	90 UNION	4	5.68
37 GATES	0	0.00	91 VANCE	2	5.44
38 GRAHAM	0	0.00	92 WAKE	4	1.32
39 GRANVILLE	5	14.70	93 WARREN	0	0.00
40 GREENE	1	6.20	94 WASHINGTON	1	6.75
41 GUILFORD	8	2.52	95 WATAUGA	0	0.00
			96 WAYNE	12	12.36
			97 WILKES	2	3.40
			98 WILSON	0	0.00
			99 YADKIN	0	0.00
			100 YANCEY	0	0.00

* SEE SECTION I

TABLE 6
MORTALITY STATISTICS FOR 1980
NORTH CAROLINA RESIDENTS
CEREBROVASCULAR DISEASE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	4760	81.02	42 HALIFAX	72	130.23
REGIONS			43 HARNETT	39	65.46
DHR I WESTERN	1544	76.70	44 HAYWOOD	46	98.93
DHR II N. CENTRAL	1064	84.38	45 HENDERSON	54	92.18
DHR III S. CENTRAL	964	71.06	46 HERTFORD	16	68.47
DHR IV EASTERN	1188	95.48	47 HOKE	16	78.51
HSA I WESTERN	779	76.59	48 HYDE	6	102.16
HSA II PIEDMONT	905	81.18	49 IREDELL	77	93.29
HSA III S. PIEDMONT	765	76.82	50 JACKSON	10	38.74
HSA IV CAPITAL	620	75.83	51 JOHNSTON	54	76.49
HSA V CARDINAL	702	78.20	52 JONES	11	113.36
HSA VI EASTERN	989	95.86	53 LEE	38	103.49
COUNTIES			54 LENOIR	87	145.43
1 ALAMANCE	80	80.69	55 LINCOLN	42	99.12
2 ALEXANDER	18	72.00	56 MCDOWELL	21	59.77
3 ALLEGHANY	12	125.15	57 MACON	16	79.28
4 ANSON	21	82.15	58 MADISON	16	95.09
5 ASHE	17	76.14	59 MARTIN	18	69.36
6 AVERY	5	34.71	60 MECKLENBURG	253	62.58
7 BEAUFORT	54	134.10	61 MITCHELL	12	83.16
8 BERTIE	26	123.66	62 MONTGOMERY	20	89.01
9 BLADEN	46	151.07	63 MOORE	42	83.16
10 BRUNSWICK	19	53.11	64 NASH	89	132.53
11 BUNCOMBE	157	97.55	65 NEW HANOVER	93	89.88
12 BURKE	40	53.16	66 NORTHAMPTON	30	132.83
13 CABARRUS	85	98.95	67 ONSLOW	23	20.39
14 CALDWELL	34	50.18	68 ORANGE	39	50.61
15 CAMDEN	7	120.04	69 PAMLICO	10	96.17
16 CARTERET	19	46.24	70 PASQUOTANK	23	80.80
17 CASWELL	20	96.59	71 PENDER	24	108.03
18 CATAWBA	90	85.54	72 PERQUIMANS	17	179.28
19 CHATHAM	26	77.80	73 PERSON	27	92.57
20 CHEROKEE	8	42.25	74 PITT	78	93.24
21 CHOWAN	16	127.42	75 POLK	20	154.07
22 CLAY	3	45.30	76 RANDOLPH	79	86.00
23 CLEVELAND	57	68.31	77 RICHMOND	46	101.15
24 COLUMBUS	63	123.44	78 ROBESON	82	80.73
25 CRAVEN	55	77.41	79 ROCKINGHAM	90	107.88
26 CUMBERLAND	122	49.36	80 ROWAN	104	104.85
27 CURRITUCK	4	36.08	81 RUTHERFORD	58	107.83
28 DARE	16	119.61	82 SAMPSON	41	82.51
29 DAVIDSON	70	61.85	83 SCOTLAND	28	86.75
30 DAVIE	17	69.10	84 STANLY	51	105.11
31 DUPLIN	50	122.09	85 STOKES	34	102.77
32 DURHAM	134	87.70	86 SURRY	34	57.18
33 EDGECOMBE	60	107.16	87 SWAIN	11	107.00
34 FORSYTH	193	79.20	88 TRANSYLVANIA	15	64.05
35 FRANKLIN	36	119.77	89 TYRRELL	4	100.62
36 GASTON	104	63.97	90 UNION	49	69.62
37 GATES	5	56.33	91 VANCE	42	114.29
38 GRAHAM	4	55.44	92 WAKE	170	56.50
39 GRANVILLE	27	79.42	93 WARREN	27	166.33
40 GREENE	17	105.47	94 WASHINGTON	13	87.83
41 GUILFORD	251	79.14	95 WATAUGA	17	53.66
			96 WAYNE	87	89.64
			97 WILKES	30	51.14
			98 WILSON	76	120.38
			99 YADKIN	37	130.10
			100 YANCEY	8	53.57

* SEE SECTION I

TABLE 7
MORTALITY STATISTICS FOR 1980
NORTH CAROLINA RESIDENTS
ATHEROSCLEROSIS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	568	9.66	42 HALIFAX	12	21.70
			43 HARNETT	3	5.03
			44 HAYWOOD	4	8.60
REGIONS			45 HENDERSON	9	15.36
DHR I WESTERN	202	10.03	46 HERTFORD	0	0.00
DHR II N. CENTRAL	102	8.08	47 Hoke	4	19.62
DHR III S. CENTRAL	141	10.39	48 HYDE	0	0.00
DHR IV EASTERN	123	9.88	49 IREDELL	14	16.96
			50 JACKSON	6	23.24
HSA I WESTERN	113	11.11	51 JOHNSTON	5	7.08
HSA II PIEDMONT	92	8.25	52 JONES	0	0.00
HSA III S. PIEDMONT	89	8.93	53 LEE	7	19.06
HSA IV CAPITAL	64	7.82	54 LENOIR	2	3.34
HSA V CARDINAL	117	13.03	55 LINCOLN	4	9.44
HSA VI EASTERN	93	9.01	56 MCDOWELL	7	19.92
			57 MACON	2	9.91
COUNTIES			58 MADISON	1	5.94
			59 MARTIN	2	7.70
1 ALAMANCE	14	14.12	60 MECKLENBURG	20	4.94
2 ALEXANDER	4	16.00	61 MITCHELL	0	0.00
3 ALLEGHANY	0	0.00	62 MONTGOMERY	2	8.90
4 ANSON	4	15.64	63 MOORE	14	27.72
5 ASHE	0	0.00	64 NASH	4	5.95
6 AVERY	0	0.00	65 NEW HANOVER	13	12.56
7 BEAUFORT	3	7.45	66 NORTHAMPTON	6	26.56
8 BERTIE	2	9.51	67 ONSLOW	4	3.54
9 BLADEN	1	3.28	68 ORANGE	7	9.08
10 BRUNSWICK	10	27.95	69 PAMLICO	1	9.61
11 BUNCOMBE	29	18.02	70 PASQUOTANK	1	3.51
12 BURKE	4	5.51	71 PENDER	3	13.50
13 CABARRUS	4	4.65	72 PERQUIMANS	3	31.63
14 CALDWELL	11	16.23	73 PERSON	2	6.85
15 CAMDEN	0	0.00	74 PITT	8	9.56
16 CARTERET	5	12.16	75 POLK	0	0.00
17 CASWELL	1	4.82	76 RANDOLPH	4	4.35
18 CATAWBA	11	10.45	77 RICHMOND	11	24.18
19 CHATHAM	3	8.97	78 ROBESON	23	22.64
20 CHEROKEE	4	21.12	79 ROCKINGHAM	9	10.78
21 CHOWAN	5	39.82	80 ROWAN	26	26.21
22 CLAY	0	0.00	81 RUTHERFORD	5	9.29
23 CLEVELAND	8	9.58	82 SAMPSON	3	6.03
24 COLUMBUS	4	7.83	83 SCOTLAND	6	18.59
25 CRAVEN	6	8.44	84 STANLY	2	4.12
26 CUMBERLAND	16	6.47	85 STOKES	4	12.09
27 CURRITUCK	1	9.02	86 SURRY	7	11.77
28 DARE	0	0.00	87 SWAIN	0	0.00
29 DAVIDSON	6	5.30	88 TRANSYLVANIA	2	8.54
30 DAVIE	3	12.19	89 TYRRELL	0	0.00
31 DUPLIN	4	9.76	90 UNION	13	18.47
32 DURHAM	18	11.78	91 VANCE	2	5.44
33 EDGEcombe	11	19.64	92 WAKE	14	4.65
34 FORSYTH	15	6.15	93 WARREN	0	0.00
35 FRANKLIN	4	13.30	94 WASHINGTON	1	6.75
36 GASTON	6	3.69	95 WATAUGA	1	3.15
37 GATES	0	0.00	96 WAYNE	9	9.27
38 GRAHAM	0	0.00	97 WILKES	2	3.40
39 GRANVILLE	2	5.88	98 WILSON	2	3.16
40 GREENE	1	6.20	99 YADKIN	4	14.06
41 GUILFORD	25	7.88	100 YANCEY	3	20.08

* SEE SECTION I

TABLE 8
MORTALITY STATISTICS FOR 1980
NORTH CAROLINA RESIDENTS
CANCER

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	9698	165.08	42 HALIFAX	117	211.62
REGIONS			43 HARNETT	83	139.32
DHR I WESTERN	3382	168.02	44 HAYWOOD	83	178.52
DHR II N. CENTRAL	2158	171.14	45 HENDERSON	127	216.79
DHR III S. CENTRAL	1969	145.15	46 HERTFORD	44	188.31
DHR IV EASTERN	2189	175.94	47 Hoke	22	107.95
HSA I WESTERN	1764	173.43	48 HYDE	10	170.27
HSA II PIEDMONT	1899	170.36	49 IREDELL	134	162.35
HSA III S. PIEDMONT	1618	162.49	50 JACKSON	33	127.85
HSA IV CAPITAL	1268	155.08	51 JOHNSTON	130	184.14
HSA V CARDINAL	1393	155.19	52 JONES	21	216.42
HSA VI EASTERN	1756	170.20	53 LEE	77	209.71
COUNTIES			54 LENOIR	107	178.86
1 ALAMANCE	191	192.66	55 LINCOLN	60	141.60
2 ALEXANDER	39	156.00	56 MCDOWELL	46	130.92
3 ALLEGHANY	21	219.02	57 MACON	58	287.39
4 ANSON	40	156.48	58 MADISON	38	225.85
5 ASHE	41	183.64	59 MARTIN	49	188.83
6 AVERY	14	97.20	60 MECKLENBURG	618	152.86
7 BEAUFORT	87	216.06	61 MITCHELL	31	214.84
8 BERTIE	48	228.31	62 MONTGOMERY	45	200.27
9 BLADEN	51	167.49	63 MOORE	117	231.66
10 BRUNSWICK	81	226.44	64 NASH	121	180.19
11 BUNCOMBE	329	204.43	65 NEW HANOVER	205	198.12
12 BURKE	117	161.36	66 NORTHAMPTON	53	234.67
13 CABARRUS	163	189.76	67 ONSLOW	84	74.47
14 CALDWELL	91	134.32	68 ORANGE	8	109.01
15 CAMDEN	12	205.79	69 PAMLICO	18	173.11
16 CARTERET	78	189.83	70 PASQUOTANK	60	210.80
17 CASWELL	31	149.72	71 PENDER	45	202.57
18 CATAWBA	144	136.87	72 PERQUIMANS	24	253.11
19 CHATHAM	43	128.67	73 PERSON	51	174.86
20 CHEROKEE	46	242.97	74 PITT	117	139.86
21 CHOWAN	42	334.50	75 POLK	21	161.77
22 CLAY	8	120.80	76 RANDOLPH	151	164.38
23 CLEVELAND	125	149.82	77 RICHMOND	88	193.50
24 COLUMBUS	102	199.85	78 ROBESON	149	146.69
25 CRAVEN	107	150.61	79 ROCKINGHAM	146	175.00
26 CUMBERLAND	225	91.03	80 ROWAN	181	182.48
27 CURRITUCK	31	279.63	81 RUTHERFORD	101	187.77
28 DARE	18	134.56	82 SAMPSON	95	191.19
29 DAVIDSON	174	153.75	83 SCOTLAND	45	139.43
30 DAVIE	38	154.46	84 STANLY	76	156.63
31 DUPLIN	76	185.58	85 STOKES	38	114.86
32 DURHAM	260	170.17	86 SURRY	131	220.34
33 EDGECOMBE	94	167.89	87 SWAIN	16	155.64
34 FORSYTH	391	160.45	88 TRANSYLVANIA	43	183.61
35 FRANKLIN	50	166.35	89 TYRRELL	11	276.72
36 GASTON	284	174.69	90 UNION	102	144.92
37 GATES	16	180.26	91 VANCE	66	179.60
38 GRAHAM	13	180.20	92 WAKE	415	137.95
39 GRANVILLE	51	150.02	93 WARREN	41	252.58
40 GREENE	22	136.50	94 WASHINGTON	33	222.95
41 GUILFORD	569	179.40	95 WATAUGA	44	138.90
			96 WAYNE	143	147.34
			97 WILKES	106	180.71
			98 WILSON	113	178.98
			99 YADKIN	39	137.13
			100 YANCEY	29	194.20

* SEE SECTION I

TABLE 9
MORTALITY STATISTICS FOR 1980
NORTH CAROLINA RESIDENTS
CANCER OF STOMACH

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	274	4.66	42 HALIFAX	4	7.23
REGIONS			43 HARNETT	3	5.03
DHR I WESTERN	99	4.91	44 HAYWOOD	2	4.30
DHR II N. CENTRAL	61	4.83	45 HENDERSON	2	3.41
DHR III S. CENTRAL	48	3.53	46 HERTFORD	2	8.55
DHR IV EASTERN	66	5.30	47 HOKE	1	4.90
HSA I WESTERN	53	5.21	48 HYDE	0	0.00
HSA II PIEDMONT	51	4.57	49 IREDELL	5	6.05
HSA III S. PIEDMONT	46	4.61	50 JACKSON	0	0.00
HSA IV CAPITAL	39	4.77	51 JOHNSTON	5	7.08
HSA V CARDINAL	30	3.34	52 JONES	1	10.30
HSA VI EASTERN	55	5.33	53 LEE	3	8.17
COUNTIES			54 LENOIR	1	1.67
1 ALAMANCE	5	5.04	55 LINCOLN	2	4.72
2 ALEXANDER	1	4.00	56 MCOWELL	3	8.53
3 ALLEGHANY	0	0.00	57 MACON	4	19.82
4 ANSON	0	0.00	58 MADISON	0	0.00
5 ASHE	2	8.95	59 MARTIN	2	7.70
6 AVERY	1	6.94	60 MECKLENBURG	15	3.71
7 BEAUFORT	1	2.48	61 MITCHELL	0	0.00
8 BERTIE	1	4.75	62 MONTGOMERY	1	4.45
9 BLADEN	2	6.56	63 MOORE	4	7.92
10 BRUNSWICK	1	2.79	64 NASH	3	4.46
11 BUNCOMBE	9	5.59	65 NEW HANOVER	8	7.73
12 BURKE	1	1.37	66 NORTHAMPTON	0	0.00
13 CABARRUS	4	4.65	67 ONSLOW	1	0.88
14 CALDWELL	5	7.38	68 ORANGE	3	3.89
15 CAMDEN	0	0.00	69 PAMLICO	1	9.61
16 CARTERET	2	4.86	70 PASQUOTANK	3	10.54
17 CASWELL	1	4.82	71 PENDER	1	4.50
18 CATAWBA	2	1.90	72 PERQUIMANS	1	10.54
19 CHATHAM	3	8.97	73 PERSON	3	10.28
20 CHEROKEE	0	0.00	74 PITT	4	4.78
21 CHOWAN	2	15.92	75 POLK	1	7.70
22 CLAY	0	0.00	76 RANDOLPH	7	7.62
23 CLEVELAND	8	9.58	77 RICHMOND	1	2.19
24 COLUMBUS	1	1.95	78 ROBESON	0	0.00
25 CRAVEN	5	7.03	79 ROCKINGHAM	6	7.19
26 CUMBERLAND	4	1.61	80 ROWAN	6	6.04
27 CURRITUCK	1	9.02	81 RUTHERFORD	2	3.71
28 DARE	1	7.47	82 SAMPSON	2	4.02
29 DAVIDSON	4	3.53	83 SCOTLAND	1	3.09
30 DAVIE	0	0.00	84 STANLY	1	2.06
31 DUPLIN	1	2.44	85 STOKES	0	0.00
32 DURHAM	8	5.23	86 SURRY	4	6.72
33 EDGEcombe	9	16.07	87 SWAIN	0	0.00
34 FORSYTH	10	4.10	88 TRANSYLVANIA	0	0.00
35 FRANKLIN	0	0.00	89 TYRRELL	1	25.15
36 GASTON	11	6.76	90 UNION	2	2.84
37 GATES	0	0.00	91 VANCE	1	2.72
38 GRAHAM	0	0.00	92 WAKE	7	2.32
39 GRANVILLE	2	5.88	93 WARREN	4	24.64
40 GREENE	0	0.00	94 WASHINGTON	1	6.75
41 GUILFORD	12	3.78	95 WATAUGA	3	9.47
			96 WAYNE	3	3.09
			97 WILKES	5	8.52
			98 WILSON	4	6.33
			99 YADKIN	2	7.03
			100 YANCEY	2	13.39

* SEE SECTION I

TABLE 10
MORTALITY STATISTICS FOR 1980
NORTH CAROLINA RESIDENTS
CANCER OF COLON, RECTUM AND ANUS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	1038	17.66	42 HALIFAX	10	18.08
REGIONS			43 HARNETT	3	5.03
DHR I WESTERN	369	18.33	44 HAYWOOD	9	19.35
DHR II N. CENTRAL	234	18.55	45 HENDERSON	14	23.89
DHR III S. CENTRAL	213	15.70	46 HERTFORD	6	25.67
DHR IV EASTERN	222	17.84	47 HOKE	5	24.53
HSA I WESTERN	181	17.79	48 HYDE	2	34.05
HSA II PIEDMONT	214	19.19	49 IREDELL	12	14.53
HSA III S. PIEDMONT	188	18.88	50 JACKSON	3	11.62
HSA IV CAPITAL	128	15.65	51 JOHNSTON	16	22.66
HSA V CARDINAL	148	16.48	52 JONES	1	10.30
HSA VI EASTERN	179	17.35	53 LEE	6	16.34
COUNTIES			54 LENOIR	4	6.68
1 ALAMANCE	20	20.17	55 LINCOLN	9	21.24
2 ALEXANDER	1	4.00	56 MCDOWELL	5	14.23
3 ALLEGHANY	2	20.85	57 MACON	7	34.68
4 ANSON	6	23.47	58 MADISON	6	35.66
5 ASHE	5	22.39	59 MARTIN	5	19.26
6 AVERY	0	0.00	60 MECKLENBURG	77	19.04
7 BEAUFORT	11	27.31	61 MITCHELL	5	34.65
8 BERTIE	5	23.78	62 MONTGOMERY	7	31.15
9 BLADEN	7	22.98	63 MOORE	19	37.62
10 BRUNSWICK	8	22.36	64 NASH	11	16.38
11 BUNCOMBE	34	21.12	65 NEW HANOVER	27	26.09
12 BURKE	12	16.55	66 NORTHAMPTON	8	35.42
13 CABARRUS	16	18.62	67 ONSLOW	8	7.09
14 CALDWELL	12	17.71	68 ORANGE	11	14.27
15 CAMDEN	2	34.29	69 PAMLICO	1	9.61
16 CARTERET	11	26.77	70 PASQUOTANK	9	31.62
17 CASWELL	6	28.97	71 PENDER	1	4.50
18 CATAWBA	13	12.35	72 PERQUIMANS	3	31.63
19 CHATHAM	8	23.93	73 PERSON	2	6.85
20 CHEROKEE	2	10.56	74 PITT	9	10.75
21 CHOWAN	4	31.85	75 POLK	1	7.70
22 CLAY	0	0.00	76 RANDOLPH	18	19.59
23 CLEVELAND	12	14.38	77 RICHMOND	8	17.59
24 COLUMBUS	7	13.71	78 ROBESON	12	11.81
25 CRAVEN	7	9.85	79 ROCKINGHAM	14	16.78
26 CUMBERLAND	20	8.09	80 ROWAN	20	20.16
27 CURRITUCK	2	18.04	81 RUTHERFORD	14	26.02
28 DARE	1	7.47	82 SAMPSON	11	22.13
29 DAVIDSON	25	22.09	83 SCOTLAND	7	21.68
30 DAVIE	7	28.45	84 STANLY	12	24.73
31 DUPLIN	3	7.32	85 STOKES	4	12.09
32 DURHAM	30	19.63	86 SURRY	14	23.54
33 EDGECOMBE	18	32.14	87 SWAIN	1	9.72
34 FORSYTH	38	15.59	88 TRANSYLVANIA	5	21.35
35 FRANKLIN	6	19.96	89 TYRRELL	3	75.47
36 GASTON	25	15.37	90 UNION	17	24.15
37 GATES	1	11.26	91 VANCE	7	19.04
38 GRAHAM	0	0.00	92 WAKE	37	12.29
39 GRANVILLE	2	5.88	93 WARREN	3	18.48
40 GREENE	2	12.40	94 WASHINGTON	4	27.02
41 GUILFORD	63	19.86	95 WATAUGA	5	15.78
			96 WAYNE	14	14.42
			97 WILKES	10	17.04
			98 WILSON	14	22.17
			99 YADKIN	5	17.58
			100 YANCEY	3	20.08

* SEE SECTION I

TABLE 11
MORTALITY STATISTICS FOR 1980
NORTH CAROLINA RESIDENTS
CANCER OF PANCREAS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	532	9.05	42 HALIFAX	7	12.66
REGIONS			43 HARNETT	7	11.75
DHR I WESTERN	178	8.84	44 HAYWOOD	4	8.60
DHR II N. CENTRAL	118	9.35	45 HENDERSON	6	10.24
DHR III S. CENTRAL	120	8.84	46 HERTFORD	4	17.11
DHR IV EASTERN	116	9.32	47 HOKE	0	0.00
HSA I WESTERN	98	9.63	48 HYDE	0	0.00
HSA II N. CENTRAL	107	9.59	49 IREDELL	12	14.53
HSA III S. CENTRAL	80	8.03	50 JACKSON	4	15.49
HSA IV CAPITAL	69	8.43	51 JOHNSTON	8	11.33
HSA V CARDINAL	80	8.91	52 JONES	1	10.30
HSA VI EASTERN	98	9.49	53 LEE	3	8.17
COUNTIES			54 LENOIR	11	18.38
1 ALAMANCE	9	9.07	55 LINCOLN	2	4.72
2 ALEXANDER	5	20.00	56 MCDOWELL	4	11.38
3 ALLEGHANY	0	0.00	57 MACON	1	4.95
4 ANSON	4	15.64	58 MADISON	1	5.94
5 ASHE	2	8.95	59 MARTIN	2	7.70
6 AVERY	0	0.00	60 MECKLENBURG	30	7.42
7 BEAUFORT	6	14.90	61 MITCHELL	1	6.93
8 BERTIE	1	4.75	62 MONTGOMERY	2	8.90
9 BLADEN	1	3.28	63 MOORE	6	11.88
10 BRUNSWICK	4	11.18	64 NASH	12	17.87
11 RUNCOMBE	16	9.94	65 NEW HANOVER	9	8.69
12 RURKE	5	6.89	66 NORTHAMPTON	4	17.71
13 CABARRUS	3	3.49	67 ONSLOW	1	0.88
14 CALDWELL	5	7.38	68 ORANGE	5	6.48
15 CAMDEN	1	17.14	69 PAMLICO	2	19.23
16 CARTERET	2	4.86	70 PASQUOTANK	2	7.02
17 CASWELL	0	0.00	71 PENDER	1	4.50
18 CATAWBA	12	11.40	72 PERQUIMANS	1	10.54
19 CHATHAM	4	11.96	73 PERSON	3	10.28
20 CHEROKEE	4	21.12	74 PITT	7	8.36
21 CHOWAN	1	7.96	75 POLK	0	0.00
22 CLAY	2	30.20	76 RANDOLPH	10	10.88
23 CLEVELAND	11	13.18	77 RICHMOND	6	13.19
24 COLUMBUS	4	7.83	78 ROBESON	17	16.73
25 CRAVEN	6	8.44	79 ROCKINGHAM	8	9.58
26 CUMBERLAND	15	6.06	80 ROWAN	10	10.08
27 CURRITUCK	0	0.00	81 RUTHERFORD	4	7.43
28 DARE	2	14.95	82 SAMPSON	3	6.03
29 DAVIDSON	12	10.60	83 SCOTLAND	1	3.09
30 DAVIE	2	8.12	84 STANLY	8	16.48
31 DUPLIN	4	9.76	85 STOKES	2	6.04
32 DURHAM	15	9.81	86 SURRY	10	16.82
33 EDGEcombe	3	5.35	87 SWAIN	0	0.00
34 FORSYTH	21	8.61	88 TRANSYLVANIA	2	8.54
35 FRANKLIN	0	0.00	89 TYRRELL	2	50.31
36 GASTON	10	6.15	90 UNION	5	7.10
37 GATES	1	11.26	91 VANCE	4	10.88
38 GRAHAM	2	27.72	92 WAKE	23	7.64
39 GRANVILLE	2	5.88	93 WARREN	2	12.32
40 GREENE	2	12.40	94 WASHINGTON	0	0.00
41 GUILFORD	33	10.40	95 WATAUGA	2	6.31
			96 WAYNE	8	8.24
			97 WILKES	5	8.52
			98 WILSON	5	7.91
			99 YADKIN	0	0.00
			100 YANCEY	0	0.00

* SEE SECTION I

TABLE 12

MORTALITY STATISTICS FOR 1980

NORTH CAROLINA RESIDENTS

CANCER OF TRACHEA, BRONCHUS AND LUNG

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	2374	40.41	42 HALIFAX	27	48.83
REGIONS			43 HARNETT	29	48.68
DHR I WESTERN	778	38.65	44 HAYWOOD	20	43.01
DHR II N. CENTRAL	531	42.11	45 HENDERSON	27	46.09
DHR III S. CENTRAL	486	35.82	46 HERTFORD	10	42.79
DHR IV EASTERN	579	46.53	47 Hoke	8	39.25
HSA I WESTERN	419	41.19	48 HYDE	3	51.08
HSA II PIEDMONT	472	42.34	49 IREDELL	32	38.77
HSA III S. PIEDMONT	359	36.05	50 JACKSON	8	30.99
HSA IV CAPITAL	303	37.05	51 JOHNSTON	37	52.41
HSA V CARDINAL	371	41.33	52 JONES	2	20.61
HSA VI EASTERN	450	43.61	53 LEE	18	49.02
COUNTIES			54 LENOIR	32	53.49
1 ALAMANCE	54	54.47	55 LINCOLN	15	35.40
2 ALEXANDER	14	56.00	56 MCDOWELL	5	14.23
3 ALLEGHANY	7	73.00	57 MACON	11	54.50
4 ANSON	13	50.85	58 MADISON	11	65.37
5 ASHE	9	40.31	59 MARTIN	16	61.66
6 AVERY	3	20.83	60 MECKLENBURG	146	36.11
7 BEAUFORT	24	59.60	61 MITCHELL	8	55.44
8 BERTIE	15	71.34	62 MONTGOMERY	12	53.40
9 BLADEN	15	49.26	63 MOORE	30	59.40
10 BRUNSWICK	22	61.50	64 NASH	26	38.71
11 BUNCOMBE	82	50.95	65 NEW HANOVER	67	64.75
12 BURKE	28	38.61	66 NORTHAMPTON	11	48.70
13 CABARRUS	35	40.74	67 ONSLOW	19	16.84
14 CALDWELL	19	28.04	68 ORANGE	19	24.65
15 CAMDEN	2	34.29	69 PAMLICO	4	38.46
16 CARTERET	17	41.37	70 PASQUOTANK	13	45.67
17 CASWELL	4	19.31	71 PENDER	12	54.01
18 CATAWBA	39	37.06	72 PERQUIMANS	6	63.27
19 CHATHAM	8	23.93	73 PERSON	13	44.57
20 CHEROKEE	11	58.10	74 PITT	31	37.05
21 CHOWAN	10	79.64	75 POLK	6	46.22
22 CLAY	0	0.00	76 RANDOLPH	41	44.63
23 CLEVELAND	34	40.75	77 RICHMOND	21	46.17
24 COLUMBUS	28	54.86	78 ROBESON	23	22.64
25 CRAVEN	32	45.04	79 ROCKINGHAM	34	40.75
26 CUMBERLAND	55	22.25	80 ROWAN	31	31.25
27 CURRITUCK	13	117.26	81 RUTHERFORD	20	37.18
28 DARE	4	29.90	82 SAMPSON	25	50.31
29 DAVIDSON	37	32.69	83 SCOTLAND	11	34.08
30 DAVIE	8	32.51	84 STANLY	14	28.85
31 DUPLIN	23	56.16	85 STOKES	9	27.20
32 DURHAM	57	37.30	86 SURRY	35	58.87
33 EDGECOMBE	23	41.08	87 SWAIN	4	38.91
34 FORSYTH	85	34.88	88 TRANSYLVANIA	14	59.78
35 FRANKLIN	15	49.90	89 TYRRELL	3	75.47
36 GASTON	63	38.75	90 UNION	23	32.68
37 GATES	3	33.79	91 VANCE	17	46.26
38 GRAHAM	4	55.44	92 WAKE	105	34.90
39 GRANVILLE	11	32.35	93 WARREN	3	18.48
40 GREENE	8	49.63	94 WASHINGTON	8	54.05
41 GUILFORD	157	49.50	95 WATAUGA	15	47.35
			96 WAYNE	30	30.91
			97 WILKES	19	32.39
			98 WILSON	35	55.43
			99 YADKIN	8	28.13
			100 YANCEY	1	6.69

* SEE SECTION I

TABLE 13
MORTALITY STATISTICS FOR 1980
NORTH CAROLINA RESIDENTS
CANCER OF FEMALE BREAST

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	788	25.98	42 HALIFAX	4	13.66
REGIONS			43 HARNETT	6	19.73
			44 HAYWOOD	7	29.01
DHR I WESTERN	274	26.12	45 HENDERSON	8	26.01
DHR II N. CENTRAL	179	26.95	46 HERTFORD	1	8.05
DHR III S. CENTRAL	172	25.07	47 HOKE	1	9.94
DHR IV EASTERN	163	25.74	48 HYDE	1	32.50
			49 IREDELL	11	25.43
HSA I WESTERN	143	27.04	50 JACKSON	2	15.24
HSA II PIEDMONT	157	26.70	51 JOHNSTON	5	13.42
HSA III S. PIEDMONT	131	25.17	52 JONES	4	78.74
HSA IV CAPITAL	113	26.70	53 LEE	5	25.80
HSA V CARDINAL	110	24.48	54 LENOIR	6	18.80
HSA VI EASTERN	134	25.62	55 LINCOLN	6	27.47
COUNTIES			56 MCDOWELL	6	32.74
			57 MACON	4	37.93
1 ALAMANCE	21	40.32	58 MADISON	3	34.08
2 ALEXANDER	3	23.51	59 MARTIN	5	36.30
3 ALLEGHANY	0	0.00	60 MECKLENBURG	59	27.75
4 ANSON	2	14.75	61 MITCHELL	3	39.89
5 ASHE	3	26.08	62 MONTGOMERY	4	34.11
6 AVERY	2	27.88	63 MOORE	11	41.19
7 BEAUFORT	3	14.01	64 NASH	12	33.74
8 BERTIE	6	52.90	65 NEW HANOVER	12	22.14
9 BLADEN	0	0.00	66 NORTHAMPTON	2	17.44
10 BRUNSWICK	6	33.16	67 ONSLOW	12	27.35
11 BUNCOMBE	24	28.15	68 ORANGE	9	23.51
12 BURKE	11	29.51	69 PAMLICO	3	54.86
13 CABARRUS	18	39.96	70 PASQUOTANK	6	40.56
14 CALDWELL	5	14.23	71 PENDER	6	53.37
15 CAMDEN	0	0.00	72 PERQUIMANS	3	60.24
16 CARTERET	6	28.77	73 PERSON	4	26.31
17 CASWELL	4	37.72	74 PITT	8	18.11
18 CATAWBA	11	20.14	75 POLK	0	0.00
19 CHATHAM	4	23.41	76 RANDOLPH	8	16.91
20 CHEROKEE	8	80.22	77 RICHMOND	6	25.07
21 CHOWAN	4	61.84	78 ROBESON	11	20.70
22 CLAY	1	28.12	79 ROCKINGHAM	17	38.47
23 CLEVELAND	10	23.19	80 ROWAN	12	23.15
24 COLUMBUS	5	18.76	81 RUTHERFORD	12	42.42
25 CRAVEN	8	23.22	82 SAMPSON	8	30.49
26 CUMBERLAND	25	22.61	83 SCOTLAND	7	40.95
27 CURRITUCK	3	52.93	84 STANLY	4	15.82
28 DARE	0	0.00	85 STOKES	1	5.90
29 DAVIDSON	12	20.69	86 SURRY	8	25.70
30 DAVIE	4	31.13	87 SWAIN	3	59.10
31 DUPLIN	3	13.91	88 TRANSYLVANIA	3	25.34
32 DURHAM	30	36.88	89 TYRRELL	1	46.99
33 EDGECOMBE	5	16.72	90 UNION	1	2.80
34 FORSYTH	36	27.62	91 VANCE	4	20.58
35 FRANKLIN	3	18.82	92 WAKE	38	24.75
36 GASTON	20	23.57	93 WARREN	4	46.71
37 GATES	1	22.47	94 WASHINGTON	2	26.59
38 GRAHAM	0	0.00	95 WATAUGA	2	12.18
39 GRANVILLE	7	40.70	96 WAYNE	16	32.16
40 GREENE	3	35.73	97 WILKES	9	29.89
41 GUILFORD	42	24.77	98 WILSON	6	18.05
			99 YADKIN	4	26.78
			100 YANCEY	3	39.05

* SEE SECTION I

TABLE 14
MORTALITY STATISTICS FOR 1980
NORTH CAROLINA RESIDENTS
CANCER OF CERVIX UTERI

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	164	5.40	42 HALIFAX	7	23.91
REGIONS			43 HARNETT	1	3.28
DHR I WESTERN	48	4.57	44 HAYWOOD	2	8.28
DHR II N. CENTRAL	29	4.36	45 HENDERSON	0	0.00
DHR III S. CENTRAL	38	5.54	46 HERTFORD	2	16.11
DHR IV EASTERN	49	7.73	47 HOKE	0	0.00
HSA I WESTERN	22	4.16	48 HYDE	0	0.00
HSA II PIEDMONT	26	4.42	49 IREDELL	1	2.31
HSA III S. PIEDMONT	26	4.99	50 JACKSON	1	7.62
HSA IV CAPITAL	21	4.96	51 JOHNSTON	1	2.68
HSA V CARDINAL	25	5.56	52 JONES	1	19.68
HSA VI EASTERN	44	8.41	53 LEE	3	15.48
COUNTIES			54 LENOIR	2	6.26
1 ALAMANCE	1	1.92	55 LINCOLN	2	9.15
2 ALEXANDER	1	7.83	56 MCDOWELL	0	0.00
3 ALLEGHANY	0	0.00	57 MACON	1	9.48
4 ANSON	0	0.00	58 MADISON	1	11.36
5 ASHE	0	0.00	59 MARTIN	2	14.52
6 AVERY	0	0.00	60 MECKLENBURG	12	5.64
7 BEAUFORT	1	4.67	61 MITCHELL	1	13.29
8 BERTIE	1	8.81	62 MONTGOMERY	0	0.00
9 BLADEN	2	12.72	63 MOORE	2	7.49
10 BRUNSWICK	1	5.52	64 NASH	6	16.87
11 BUNCOMBE	3	3.51	65 NEW HANOVER	2	3.69
12 BURKE	3	8.04	66 NORTHAMPTON	1	8.72
13 CABARRUS	2	4.44	67 ONSLOW	1	2.27
14 CALDWELL	1	2.84	68 ORANGE	1	2.61
15 CAMDEN	0	0.00	69 PAMLICO	0	0.00
16 CARTERET	3	14.38	70 PASQUOTANK	1	6.76
17 CASHWELL	1	9.43	71 PENDER	0	0.00
18 CATAWBA	2	3.66	72 PERQUIMANS	0	0.00
19 CHATHAM	2	11.70	73 PERSON	1	6.57
20 CHEROKEE	0	0.00	74 PITT	3	6.79
21 CHOWAN	1	15.46	75 POLK	1	14.11
22 CLAY	0	0.00	76 RANDOLPH	2	4.22
23 CLEVELAND	0	0.00	77 RICHMOND	1	4.17
24 COLUMBUS	2	7.50	78 ROBESON	1	1.88
25 CRAVEN	3	8.70	79 ROCKINGHAM	1	2.26
26 CUMBERLAND	9	8.14	80 ROWAN	3	5.78
27 CURRITUCK	0	0.00	81 RUTHERFORD	1	3.53
28 DARE	0	0.00	82 SAMPSON	2	7.62
29 DAVIDSON	3	5.17	83 SCOTLAND	2	11.70
30 DAVIE	1	7.78	84 STANLY	0	0.00
31 DUPLIN	1	4.63	85 STOKES	0	0.00
32 OURHAM	5	6.14	86 SURRY	1	3.21
33 EDGECOMBE	1	3.34	87 SWAIN	1	19.70
34 FORSYTH	6	4.60	88 TRANSYLVANIA	0	0.00
35 FRANKLIN	0	0.00	89 TYRRELL	0	0.00
36 GASTON	5	5.89	90 UNION	1	2.80
37 GATES	0	0.00	91 VANCE	2	10.29
38 GRAHAM	0	0.00	92 WAKE	6	3.90
39 GRANVILLE	0	0.00	93 WARREN	0	0.00
40 GREENE	1	11.91	94 WASHINGTON	0	0.00
41 GUILFORD	9	5.30	95 WATAUGA	1	6.09
			96 WAYNE	1	2.01
			97 WILKES	1	3.32
			98 WILSON	5	15.04
			99 YADKIN	1	6.69
			100 YANCEY	1	13.01

* SEE SECTION I

TABLE 15

MORTALITY STATISTICS FOR 1980

NORTH CAROLINA RESIDENTS

CANCER OF OVARY AND OTHER UTERINE ADNEXA

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	231	7.61	42 HALIFAX	2	6.83
REGIONS			43 HARNETT	2	6.57
DHR I WESTERN	90	8.57	44 HAYWOOD	4	16.57
DHR II N. CENTRAL	57	8.58	45 HENDERSON	3	9.75
DHR III S. CENTRAL	39	5.68	46 HERTFORD	1	8.05
DHR IV EASTERN	45	7.10	47 HOKE	0	0.00
HSA I WESTERN	46	8.70	48 HYDE	1	32.50
HSA II PIEDMONT	49	8.33	49 IREDELL	2	4.62
HSA III S. PIEDMONT	44	8.45	50 JACKSON	1	7.62
HSA IV CAPITAL	25	5.90	51 JOHNSTON	3	8.05
HSA V CARDINAL	32	7.12	52 JONES	0	0.00
HSA VI EASTERN	35	6.69	53 LEE	3	15.48
COUNTIES			54 LENOIR	2	6.26
1 ALAMANCE	4	7.68	55 LINCOLN	6	27.47
2 ALEXANDER	1	7.83	56 MCDOWELL	0	0.00
3 ALLEGHANY	0	0.00	57 MACON	3	28.44
4 ANSON	3	22.13	58 MADISON	1	11.36
5 ASHE	1	8.69	59 MARTIN	0	0.00
6 AVERY	1	13.94	60 MECKLENBURG	8	3.76
7 BEAUFORT	1	4.67	61 MITCHELL	0	0.00
8 BERTIE	0	0.00	62 MONTGOMERY	1	8.52
9 BLADEN	0	0.00	63 MOORE	2	7.49
10 BRUNSWICK	4	22.11	64 NASH	1	2.81
11 BUNCOMBE	7	8.21	65 NEW HANOVER	3	5.53
12 BURKE	4	10.73	66 NORTHAMPTON	0	0.00
13 CARARRUS	7	15.54	67 ONSLOW	5	11.39
14 CALDWELL	1	2.84	68 ORANGE	2	5.22
15 CAMDEN	0	0.00	69 PAMLICO	0	0.00
16 CARTERET	2	9.59	70 PASQUOTANK	2	13.52
17 CASWELL	1	9.43	71 PENDER	3	26.68
18 CATAWBA	3	5.49	72 PERQUIMANS	1	20.08
19 CHATHAM	0	0.00	73 PERSON	3	19.73
20 CHEROKEE	3	30.08	74 PITT	3	6.79
21 CHOWAN	0	0.00	75 POLK	2	28.22
22 CLAY	0	0.00	76 RANDOLPH	1	2.11
23 CLEVELAND	3	6.95	77 RICHMOND	6	25.07
24 COLUMBUS	0	0.00	78 ROBESON	3	5.64
25 CRAVEN	0	0.00	79 ROCKINGHAM	4	9.05
26 CUMBERLAND	3	2.71	80 ROWAN	5	9.64
27 CURRITUCK	0	0.00	81 RUTHERFORD	1	3.53
28 DARE	1	14.43	82 SAMPSON	2	7.62
29 DAVIDSON	9	15.52	83 SCOTLAND	0	0.00
30 DAVIE	0	0.00	84 STANLY	5	19.78
31 DUPLIN	1	4.63	85 STOKES	1	5.90
32 DURHAM	4	4.91	86 SURRY	2	6.42
33 EDGEcombe	2	6.69	87 SWAIN	0	0.00
34 FORSYTH	14	10.74	88 TRANSYLVANIA	0	0.00
35 FRANKLIN	2	12.55	89 TYRRELL	0	0.00
36 GASTON	9	10.60	90 UNION	2	5.60
37 GATES	0	0.00	91 VANCE	1	5.14
38 GRAHAM	0	0.00	92 WAKE	5	3.25
39 GRANVILLE	1	5.81	93 WARREN	1	11.67
40 GREENE	0	0.00	94 WASHINGTON	0	0.00
41 GUILFORD	12	7.07	95 WATAUGA	1	6.09
			96 WAYNE	7	14.07
			97 WILKES	5	16.60
			98 WILSON	3	9.02
			99 YADKIN	1	6.69
			100 YANCEY	1	13.01

* SEE SECTION I

TABLE 16
MORTALITY STATISTICS FOR 1980
NORTH CAROLINA RESIDENTS
CANCER OF PROSTATE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	616	21.67	42 HALIFAX	9	34.58
REGIONS			43 HARNETT	6	20.57
DHR I WESTERN	215	22.30	44 HAYWOOD	2	8.94
DHR II N. CENTRAL	142	23.79	45 HENDERSON	12	43.12
DHR III S. CENTRAL	131	19.53	46 HERTFORD	3	27.38
DHR IV EASTERN	128	20.94	47 HOKE	1	9.68
HSA I WESTERN	118	24.16	48 HYDE	1	35.75
HSA II PIEDMONT	127	24.10	49 IREDELL	9	22.90
HSA III S. PIEDMONT	97	20.40	50 JACKSON	2	15.75
HSA IV CAPITAL	72	18.25	51 JOHNSTON	5	14.98
HSA V CARDINAL	99	22.08	52 JONES	1	21.63
HSA VI EASTERN	103	20.24	53 LEE	8	46.13
COUNTIES			54 LENOIR	2	7.16
1 ALAMANCE	5	10.62	55 LINCOLN	4	19.47
2 ALEXANDER	2	16.33	56 MCDOWELL	0	0.00
3 ALLEGHANY	1	22.25	57 MACON	2	20.75
4 ANSON	2	16.65	58 MADISON	5	62.32
5 ASHE	3	27.71	59 MARTIN	1	8.21
6 AVERY	1	13.83	60 MECKLENBURG	42	21.90
7 BEAUFORT	2	10.60	61 MITCHELL	1	14.47
8 BERTIE	2	20.65	62 MONTGOMERY	3	27.92
9 BLADEN	3	20.36	63 MOORE	8	33.60
10 BRUNSWICK	3	16.96	64 NASH	8	25.32
11 BUNCOMBE	22	29.06	65 NEW HANOVER	9	18.26
12 BURKE	8	22.70	66 NORTHAMPTON	7	62.93
13 CABARRUS	6	14.68	67 ONSLOW	4	5.80
14 CALDWELL	8	24.51	68 ORANGE	5	12.89
15 CAMDEN	1	36.65	69 PAMLICO	2	40.56
16 CARTERET	5	24.70	70 PASQUOTANK	5	36.57
17 CASWELL	4	39.60	71 PENDER	6	54.67
18 CATAWBA	14	27.66	72 PERQUIMANS	1	22.21
19 CHATHAM	2	12.24	73 PERSON	1	7.16
20 CHEROKÉE	3	33.48	74 PITT	7	17.72
21 CHOWAN	3	49.27	75 POLK	2	33.92
22 CLAY	0	0.00	76 RANDOLPH	10	22.43
23 CLEVELAND	11	27.28	77 RICHMOND	4	18.56
24 COLUMBUS	7	28.69	78 ROBESON	19	39.21
25 CRAVEN	8	21.85	79 ROCKINGHAM	11	28.03
26 CUMBERLAND	20	14.64	80 ROWAN	9	19.00
27 CURRITUCK	2	36.90	81 RUTHERFORD	4	15.68
28 DARE	1	15.50	82 SAMPSON	4	17.05
29 DAVIDSON	5	9.06	83 SCOTLAND	4	26.35
30 DAVIE	4	34.03	84 STANLY	2	8.60
31 DUPLIN	4	20.63	85 STOKES	2	12.38
32 DURHAM	16	22.39	86 SURRY	9	31.77
33 EDGEcombe	6	22.99	87 SWAIN	2	38.43
34 FORSYTH	33	29.11	88 TRANSYLVANIA	1	8.63
35 FRANKLIN	2	14.16	89 TYRRELL	0	0.00
36 GASTON	22	28.30	90 UNION	3	8.64
37 GATES	2	45.17	91 VANCE	5	28.88
38 GRAHAM	2	55.80	92 WAKE	21	14.25
39 GRANVILLE	2	11.90	93 WARREN	5	65.18
40 GREENE	1	12.95	94 WASHINGTON	1	13.73
41 GUILFORD	40	27.09	95 WATAUGA	2	13.10
			96 WAYNE	11	23.25
			97 WILKES	5	17.51
			98 WILSON	3	10.03
			99 YADKIN	4	29.62
			100 YANCEY	3	41.37

* SEE SECTION I

TABLE 17
MORTALITY STATISTICS FOR 1980
NORTH CAROLINA RESIDENTS
LEUKEMIA

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	393	6.69	42 HALIFAX	4	7.23
REGIONS			43 HARNETT	3	5.03
DHR I WESTERN	153	7.60	44 HAYWOOD	5	10.75
DHR II N. CENTRAL	89	7.05	45 HENDERSON	9	15.36
DHR III S. CENTRAL	73	5.38	46 HERTFORD	3	12.83
DHR IV EASTERN	78	6.26	47 HOKE	0	0.00
HSA I WESTERN	84	8.25	48 HYDE	0	0.00
HSA II PIEDMONT	78	6.99	49 IREDELL	11	13.32
HSA III S. PIEDMONT	69	6.92	50 JACKSON	1	3.87
HSA IV CAPITAL	57	6.97	51 JOHNSTON	8	11.33
HSA V CARDINAL	40	4.45	52 JONES	2	20.61
HSA VI EASTERN	65	6.30	53 LEE	7	19.06
COUNTIES			54 LENOIR	3	5.01
1 ALAMANCE	8	8.06	55 LINCOLN	2	4.72
2 ALEXANDER	0	0.00	56 MCDOWELL	4	11.38
3 ALLEGHANY	1	10.42	57 MACON	8	39.64
4 ANSON	1	3.91	58 MADISON	1	5.94
5 ASHE	2	8.95	59 MARTIN	0	0.00
6 AVERY	0	0.00	60 MECKLENBURG	19	4.69
7 REAUFORT	3	7.45	61 MITCHELL	1	6.93
8 BERTIE	2	9.51	62 MONTGOMERY	0	0.00
9 BLADEN	1	3.28	63 MOORE	0	0.00
10 BRUNSWICK	3	8.38	64 NASH	5	7.44
11 BUNCOMBE	11	6.83	65 NEW HANOVER	6	5.79
12 BURKE	4	5.51	66 NORTHAMPTON	4	17.71
13 CABARRUS	9	10.47	67 ONSLOW	2	1.77
14 CALDWELL	4	5.90	68 ORANGE	0	0.00
15 CAMDEN	0	0.00	69 PAMLICO	0	0.00
16 CARTERET	2	4.86	70 PASQUOTANK	4	14.05
17 CASWELL	0	0.00	71 PENDER	1	4.50
18 CATAWBA	8	7.60	72 PERQUIMANS	0	0.00
19 CHATHAM	1	2.99	73 PERSON	2	6.85
20 CHEROKEE	4	21.12	74 PITT	4	4.78
21 CHOWAN	0	0.00	75 POLK	1	7.70
22 CLAY	1	15.10	76 RANDOLPH	5	5.44
23 CLEVELAND	4	4.79	77 RICHMOND	6	13.19
24 COLUMBUS	3	5.87	78 ROBESON	9	8.86
25 CRAVEN	7	9.85	79 ROCKINGHAM	6	7.19
26 CUMBERLAND	7	2.83	80 ROWAN	7	7.05
27 CURRITUCK	2	18.04	81 RUTHERFORD	5	9.29
28 DARE	0	0.00	82 SAMPSON	0	0.00
29 DAVIDSON	7	6.18	83 SCOTLAND	0	0.00
30 DAVIE	2	8.12	84 STANLY	5	10.30
31 DUPLIN	3	7.32	85 STOKES	4	12.09
32 DURHAM	11	7.19	86 SURRY	7	11.77
33 EDGEcombe	5	8.93	87 SWAIN	1	9.72
34 FORSYTH	8	3.28	88 TRANSYLVANIA	1	4.27
35 FRANKLIN	2	6.65	89 TYRRELL	0	0.00
36 GASTON	13	7.99	90 UNION	3	4.26
37 GATES	2	22.53	91 VANCE	4	10.88
38 GRAHAM	0	0.00	92 WAKE	19	6.31
39 GRANVILLE	2	5.88	93 WARREN	1	6.16
40 GREENE	0	0.00	94 WASHINGTON	0	0.00
41 GUILFORD	28	8.82	95 WATAUGA	1	3.15
			96 WAYNE	3	3.09
			97 WILKES	7	11.93
			98 WILSON	5	7.91
			99 YADKIN	3	10.54
			100 YANCEY	0	0.00

* SEE SECTION I

TABLE 18
MORTALITY STATISTICS FOR 1980
NORTH CAROLINA RESIDENTS
DIABETES MELLITUS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	866	14.74	42 HALIFAX	13	23.51
REGIONS			43 HARNETT	13	21.82
DHR I WESTERN	268	13.31	44 HAYWOOD	5	10.75
DHR II N. CENTRAL	200	15.86	45 HENDERSON	11	18.77
DHR III S. CENTRAL	187	13.78	46 HERTFORD	7	29.95
DHR IV EASTERN	211	16.95	47 HOKE	5	24.53
HSA I WESTERN	140	13.76	48 HYDE	1	17.02
HSA II N. CENTRAL	172	15.43	49 IREDELL	17	20.59
HSA III S. CENTRAL	128	12.85	50 JACKSON	5	19.37
HSA IV CAPITAL	115	14.06	51 JOHNSTON	13	18.41
HSA V CARDINAL	140	15.59	52 JONES	1	10.30
HSA VI EASTERN	171	16.57	53 LEE	8	21.78
COUNTIES			54 LENOIR	11	18.38
1 ALAMANCE	16	16.13	55 LINCOLN	7	16.52
2 ALEXANDER	2	8.00	56 MCDOOWELL	4	11.38
3 ALLEGHANY	0	0.00	57 MACON	3	14.86
4 ANSON	4	15.64	58 MADISON	3	17.83
5 ASHE	7	31.35	59 MARTIN	4	15.41
6 AVERY	1	6.94	60 MECKLENBURG	31	7.66
7 BEAUFORT	10	24.83	61 MITCHELL	0	0.00
8 BERTIE	10	47.56	62 MONTGOMERY	6	26.70
9 BLADEN	3	9.85	63 MOORE	9	17.82
10 BRUNSWICK	4	11.18	64 NASH	8	11.91
11 BUNCOMBE	17	10.56	65 NEW HANOVER	20	19.32
12 BURKE	12	16.55	66 NORTHAMPTON	5	22.13
13 CABARRUS	12	13.97	67 ONSLOW	10	8.86
14 CALDWELL	14	20.66	68 ORANGE	6	7.78
15 CAMDEN	1	17.14	69 PAMLICO	1	9.61
16 CARTERET	4	9.73	70 PASQUOTANK	4	14.05
17 CASWELL	4	19.31	71 PENDER	4	18.00
18 CATAWBA	15	14.25	72 PERQUIMANS	1	10.54
19 CHATHAM	3	8.97	73 PERSON	4	13.71
20 CHEROKEE	2	10.56	74 PITT	12	14.34
21 CHOWAN	3	23.89	75 POLK	1	7.70
22 CLAY	0	0.00	76 RANDOLPH	13	14.15
23 CLEVELAND	17	20.37	77 RICHMOND	7	15.39
24 COLUMBUS	12	23.51	78 ROBESON	19	18.70
25 CRAVEN	6	8.44	79 ROCKINGHAM	12	14.38
26 CUMBERLAND	21	8.49	80 ROWAN	23	23.18
27 CURRITUCK	3	27.06	81 RUTHERFORD	5	9.29
28 DARE	1	7.47	82 SAMPSON	5	10.06
29 DAVIDSON	17	15.02	83 SCOTLAND	8	24.78
30 DAVIE	2	8.12	84 STANLY	4	8.24
31 DUPLIN	5	12.20	85 STOKES	2	6.04
32 DURHAM	23	15.05	86 SURRY	9	15.13
33 EDGEcombe	10	17.86	87 SWAIN	3	29.18
34 FORSYTH	48	19.69	88 TRANSYLVANIA	3	12.81
35 FRANKLIN	7	23.28	89 TYRRELL	2	50.31
36 GASTON	31	19.06	90 UNION	3	4.26
37 GATES	1	11.26	91 VANCE	7	19.04
38 GRAHAM	0	0.00	92 WAKE	34	11.30
39 GRANVILLE	7	20.59	93 WARREN	3	18.48
40 GREENE	2	12.40	94 WASHINGTON	3	20.26
41 GUILFORD	41	12.92	95 WATAUGA	3	9.47
			96 WAYNE	15	15.45
			97 WILKES	6	10.22
			98 WILSON	17	26.92
			99 YADKIN	8	28.13
			100 YANCEY	1	6.69

* SEE SECTION I

TABLE 19
MORTALITY STATISTICS FOR 1980
NORTH CAROLINA RESIDENTS
PNEUMONIA AND INFLUENZA

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	1259	21.43	42 HALIFAX	19	34.36
REGIONS			43 HARNETT	10	16.78
DHR I WESTERN	481	23.89	44 HAYWOOD	16	34.41
DHR II N. CENTRAL	279	22.12	45 HENDERSON	27	46.09
DHR III S. CENTRAL	212	15.62	46 HERTFORD	5	21.39
DHR IV EASTERN	287	23.06	47 HOKE	3	14.72
HSA I WESTERN	268	26.34	48 HYDE	2	34.05
HSA II PIEDMONT	225	20.18	49 IREDELL	24	29.07
HSA III S. PIEDMONT	213	21.39	50 JACKSON	4	15.49
HSA IV CAPITAL	170	20.79	51 JOHNSTON	10	14.16
HSA V CARDINAL	137	15.26	52 JONES	4	41.22
HSA VI EASTERN	246	23.84	53 LEE	7	19.06
COUNTIES			54 LENOIR	18	30.09
1 ALAMANCE	18	18.15	55 LINCOLN	8	18.88
2 ALEXANDER	4	16.00	56 MCDOWELL	8	22.76
3 ALLEGHANY	4	41.71	57 MACON	3	14.86
4 ANSON	12	46.94	58 MADISON	5	29.71
5 ASHE	4	17.91	59 MARTIN	6	23.12
6 AVERY	2	13.88	60 MECKLENBURG	77	19.04
7 BEAUFORT	20	49.66	61 MITCHELL	6	41.58
8 BERTIE	7	33.29	62 MONTGOMERY	6	26.70
9 BLADEN	5	16.42	63 MOORE	12	23.76
10 BRUNSWICK	7	19.56	64 NASH	26	38.71
11 BUNCOMBE	55	34.17	65 NEW HANOVER	19	18.36
12 BURKE	26	35.85	66 NORTHAMPTON	8	35.42
13 CABARRUS	22	25.61	67 ONSLOW	10	8.86
14 CALDWELL	10	14.76	68 ORANGE	15	19.46
15 CAMDEN	0	0.00	69 PAMLICO	5	48.08
16 CARTERET	14	34.07	70 PASQUOTANK	9	31.62
17 CASWELL	0	0.00	71 PENDER	2	9.00
18 CATAWBA	16	15.20	72 PERQUIMANS	3	31.63
19 CHATHAM	5	14.96	73 PERSON	5	17.14
20 CHEROKEE	4	21.12	74 PITT	21	25.10
21 CHOWAN	4	31.85	75 POLK	5	38.51
22 CLAY	1	15.10	76 RANDOLPH	13	14.15
23 CLEVELAND	24	28.76	77 RICHMOND	3	6.59
24 COLUMBUS	13	25.47	78 ROBESON	13	12.79
25 CRAVEN	3	4.22	79 ROCKINGHAM	19	22.77
26 CUMBERLAND	20	8.09	80 ROWAN	26	26.21
27 CURRITUCK	4	36.08	81 RUTHERFORD	12	22.30
28 DARE	3	22.42	82 SAMPSON	6	12.07
29 DAVIDSON	12	10.60	83 SCOTLAND	6	18.59
30 DAVIE	5	20.32	84 STANLY	10	20.61
31 DUPLIN	5	12.20	85 STOKES	17	51.38
32 DURHAM	36	23.56	86 SURRY	18	30.27
33 EDGECOMBE	13	23.21	87 SWAIN	2	19.45
34 FORSYTH	52	21.33	88 TRANSYLVANIA	1	4.27
35 FRANKLIN	6	19.96	89 TYRRELL	1	25.15
36 GASTON	37	22.75	90 UNION	9	12.78
37 GATES	3	33.79	91 VANCE	12	32.65
38 GRAHAM	1	13.86	92 WAKE	43	14.29
39 GRANVILLE	20	58.83	93 WARREN	11	67.76
40 GREENE	1	6.20	94 WASHINGTON	1	6.75
41 GUILFORD	67	21.12	95 WATAUGA	11	34.72
			96 WAYNE	17	17.51
			97 WILKES	11	18.75
			98 WILSON	14	22.17
			99 YADKIN	4	14.06
			100 YANCEY	6	40.17

* SEE SECTION I

TABLE 20

MORTALITY STATISTICS FOR 1980

NORTH CAROLINA RESIDENTS

CHRONIC OBSTRUCTIVE PULMONARY DISEASES

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	1221	20.78	42 HALIFAX	15	27.13
REGIONS			43 HARNETT	10	16.78
DHR I WESTERN	416	20.66	44 HAYWOOD	17	36.56
DHR II N. CENTRAL	301	23.87	45 HENDERSON	13	22.19
DHR III S. CENTRAL	244	17.98	46 HERTFORD	7	29.95
DHR IV EASTERN	260	20.89	47 Hoke	5	24.53
HSA I WESTERN	227	22.31	48 HYDE	0	0.00
HSA II PIEDMONT	258	23.14	49 IREDELL	13	15.75
HSA III S. PIEDMONT	189	18.98	50 JACKSON	4	15.49
HSA IV CAPITAL	162	19.81	51 JOHNSTON	17	24.08
HSA V CARDINAL	155	17.26	52 JONES	1	10.30
HSA VI EASTERN	230	22.29	53 LEE	15	40.85
COUNTIES			54 LENOIR	15	25.07
1 ALAMANCE	21	21.18	55 LINCOLN	5	11.80
2 ALEXANDER	4	16.00	56 MCDOWELL	11	31.30
3 ALLEGHANY	3	31.28	57 MACON	4	19.82
4 ANSON	10	39.12	58 MADISON	6	35.66
5 ASHE	5	22.39	59 MARTIN	8	30.83
6 AVERY	5	34.71	60 MECKLENBURG	75	18.55
7 BEAUFORT	11	27.31	61 MITCHELL	4	27.72
8 BERTIE	1	4.75	62 MONTGOMERY	6	26.70
9 BLADEN	9	29.55	63 MOORE	18	35.64
10 BRUNSWICK	7	19.56	64 NASH	19	28.29
11 BUNCOMBE	38	23.61	65 NEW HANOVER	16	15.46
12 BURKE	10	13.79	66 NORTHAMPTON	4	17.71
13 CABARRUS	20	23.28	67 ONSLOW	8	7.09
14 CALDWELL	15	22.14	68 ORANGE	6	7.78
15 CAMDEN	1	17.14	69 PAMLICO	5	48.08
16 CARTERET	8	19.46	70 PASQUOTANK	11	38.64
17 CASWELL	7	33.80	71 PENDER	2	9.00
18 CATAWBA	17	16.15	72 PERQUIMANS	1	10.54
19 CHATHAM	2	5.98	73 PERSON	6	20.57
20 CHEROKEE	7	36.97	74 PITT	18	21.51
21 CHOCWAN	4	31.85	75 POLK	8	61.62
22 CLAY	0	0.00	76 RANDOLPH	15	16.32
23 CLEVELAND	17	20.37	77 RICHMOND	14	30.78
24 COLUMBUS	5	9.79	78 ROPESON	14	13.78
25 CRAVEN	9	12.66	79 ROCKINGHAM	22	26.37
26 CUMBERLAND	24	9.71	80 ROWAN	18	18.14
27 CURRITUCK	3	27.06	81 RUTHERFORD	14	26.02
28 DAFE	1	7.47	82 SAMPSON	9	18.11
29 DAVIDSON	21	18.55	83 SCOTLAND	6	18.59
30 DAVIE	4	16.25	84 STANLY	15	30.91
31 DUPLIN	13	31.74	85 STOKES	6	18.13
32 DURHAM	32	20.94	86 SURRY	22	37.00
33 EDGECOMBE	14	25.00	87 SWAIN	2	19.45
34 FORSYTH	59	24.21	88 TRANSYLVANIA	6	25.62
35 FRANKLIN	10	33.27	89 TYRRELL	3	75.47
36 GASTON	26	15.99	90 UNION	17	24.15
37 GATES	2	22.53	91 VANCE	12	32.65
38 GRAHAM	2	27.72	92 WAKE	47	15.62
39 GRANVILLE	10	29.41	93 WARREN	5	30.80
40 GREENE	2	12.40	94 WASHINGTON	2	13.51
41 GUILFORD	75	23.64	95 WATAUGA	1	3.15
			96 WAYNE	26	26.79
			97 WILKES	11	18.75
			98 WILSON	18	28.51
			99 YADKIN	6	21.09
			100 YANCEY	3	20.08

* SEE SECTION I

TABLE 21
MORTALITY STATISTICS FOR 1980
NORTH CAROLINA RESIDENTS
CHRONIC LIVER DISEASE AND CIRRHOSIS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	715	12.17	42 HALIFAX	11	19.69
REGIONS			43 HARNETT	7	11.75
DHR I WESTERN	265	13.16	44 HAYWOOD	5	10.75
DHR II N. CENTRAL	154	12.21	45 HENDERSON	11	18.77
DHR III S. CENTRAL	149	10.98	46 HERTFORD	3	12.83
DHR IV EASTERN	147	11.81	47 HOKE	1	4.90
HSA I WESTERN	117	11.50	48 HYDE	1	17.02
HSA II PIEDMONT	133	11.93	49 IREDELL	7	8.48
HSA III S. PIEDMONT	148	14.86	50 JACKSON	2	7.74
HSA IV CAPITAL	88	10.76	51 JOHNSTON	5	7.08
HSA V CARDINAL	110	12.25	52 JONES	1	10.30
HSA VI EASTERN	119	11.53	53 LEE	3	8.17
COUNTIES			54 LENOIR	6	10.03
1 ALAMANCE	4	4.03	55 LINCOLN	2	4.72
2 ALEXANDER	3	12.00	56 MCDOWELL	2	5.69
3 ALLEGHANY	1	10.42	57 MACON	1	4.95
4 ANSON	4	15.64	58 MADISON	3	17.83
5 ASHE	1	4.47	59 MARTIN	2	7.70
6 AVERY	0	0.00	60 MECKLENBURG	80	19.78
7 BEAUFORT	6	14.90	61 MITCHELL	1	6.93
8 BERTIE	0	0.00	62 MONTGOMERY	3	13.35
9 BLADEN	3	9.85	63 MOORE	10	19.80
10 BRUNSWICK	3	8.38	64 NASH	9	13.40
11 BUNCOMBE	19	11.80	65 NEW HANOVER	16	15.46
12 BURKE	9	12.41	66 NORTHAMPTON	1	4.42
13 CABARRUS	11	12.80	67 ONSLOW	4	3.54
14 CALDWELL	9	13.28	68 ORANGE	5	6.48
15 CAMDEN	2	34.29	69 PAMLICO	2	19.23
16 CARTERET	4	9.73	70 PASQUOTANK	1	3.51
17 CASWELL	1	4.82	71 PENDER	4	18.00
18 CATAWBA	23	21.86	72 PERQUIMANS	0	0.00
19 CHATHAM	5	14.96	73 PERSON	3	10.28
20 CHEROKEE	6	31.69	74 PIIT	4	4.78
21 CHOWAN	2	15.92	75 POLK	2	15.40
22 CLAY	0	0.00	76 RANDOLPH	8	8.70
23 CLEVELAND	4	4.79	77 RICHMOND	6	13.19
24 COLUMBUS	5	9.79	78 ROBESON	13	12.79
25 CRAVEN	12	16.89	79 ROCKINGHAM	11	13.18
26 CUMBERLAND	23	9.30	80 ROWAN	16	16.13
27 CURRITUCK	1	9.02	81 RUTHERFORD	3	5.57
28 DARE	1	7.47	82 SAMPSON	7	14.08
29 DAVIDSON	14	12.37	83 SCOTLAND	5	15.49
30 DAVIE	5	20.32	84 STANLY	6	12.36
31 DUPLIN	8	19.53	85 STOKES	1	3.02
32 DURHAM	16	10.47	86 SURRY	3	5.04
33 EDGEcombe	3	5.35	87 SWAIN	2	19.45
34 FORSYTH	42	17.23	88 TRANSYLVANIA	3	12.81
35 FRANKLIN	2	6.65	89 TYRRELL	0	0.00
36 GASTON	21	12.91	90 UNION	5	7.10
37 GATES	1	11.26	91 VANCE	9	24.49
38 GRAHAM	1	13.86	92 WAKE	53	10.96
39 GRANVILLE	6	17.65	93 WARREN	1	6.16
40 GREENE	0	0.00	94 WASHINGTON	3	20.26
41 GUILFORD	41	12.92	95 WATAUGA	3	9.47
			96 WAYNE	19	19.57
			97 WILKES	3	5.11
			98 WILSON	12	19.00
			99 YADKIN	3	10.54
			100 YANCEY	0	0.00

* SEE SECTION I

TABLE 22

MORTALITY STATISTICS FOR 1980

NORTH CAROLINA RESIDENTS

NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	479	8.15	42 HALIFAX	8	14.47
REGIONS			43 HARNETT	5	8.39
DHR I WESTERN	149	7.40	44 HAYWOOD	4	8.60
DHR II N. CENTRAL	100	7.93	45 HENDERSON	7	11.94
DHR III S. CENTRAL	116	8.55	46 HERTFORD	3	12.83
DHR IV EASTERN	114	9.16	47 HOKE	4	19.62
HSA I WESTERN	81	7.96	48 HYDE	1	17.02
HSA II PIEDMONT	73	6.54	49 IREDELL	4	4.84
HSA III S. PIEDMONT	68	6.82	50 JACKSON	2	7.74
HSA IV CAPITAL	82	10.02	51 JOHNSTON	8	11.33
HSA V CARDINAL	77	8.57	52 JONES	2	20.61
HSA VI EASTERN	98	9.49	53 LEE	1	2.72
COUNTIES			54 LENOIR	4	6.68
1 ALAMANCE	3	3.02	55 LINCOLN	6	14.16
2 ALEXANDER	4	16.00	56 MCDOWELL	1	2.84
3 ALLEGHANY	2	20.85	57 MACON	2	9.91
4 ANSON	7	27.38	58 MADISON	0	0.00
5 ASHE	2	8.95	59 MARTIN	12	46.24
6 AVERY	0	0.00	60 MECKLENBURG	19	4.69
7 BEAUFORT	3	7.45	61 MITCHELL	4	27.72
8 BERTIE	5	23.78	62 MONTGOMERY	2	8.90
9 BLADEN	5	16.42	63 MOORE	1	1.98
10 BRUNSWICK	5	13.97	64 NASH	6	8.93
11 BUNCOMBE	8	4.97	65 NEW HANDOVER	4	3.86
12 BURKE	4	5.51	66 NORTHAMPTON	0	0.00
13 CABARRUS	6	6.98	67 ONSLOW	5	4.43
14 CALDWELL	5	7.38	68 ORANGE	7	9.08
15 CAMDEN	1	17.14	69 PAMLICO	0	0.00
16 CARTERET	6	14.60	70 PASQUOTANK	2	7.02
17 CASWELL	1	4.82	71 PENDER	1	4.50
18 CATAWBA	8	7.60	72 PERQUIMANS	1	10.54
19 CHATHAM	3	8.97	73 PERSON	3	10.28
20 CHEROKEE	1	5.28	74 PITT	7	8.36
21 CHOWAN	3	23.89	75 POLK	2	15.40
22 CLAY	0	0.00	76 RANDOLPH	5	5.44
23 CLEVELAND	7	8.39	77 RICHMOND	5	10.99
24 COLUMBUS	6	11.75	78 ROBESON	17	16.73
25 CRAVEN	8	11.26	79 ROCKINGHAM	10	11.98
26 CUMBERLAND	5	2.02	80 ROWAN	7	7.05
27 CURRITUCK	0	0.00	81 RUTHERFORD	9	16.73
28 DARE	3	22.42	82 SAMPSON	6	12.07
29 DAVIDSON	5	4.41	83 SCOTLAND	4	12.39
30 DAVIE	1	4.06	84 STANLY	5	10.30
31 DUPLIN	3	7.32	85 STOKES	2	6.04
32 DURHAM	16	10.47	86 SURRY	5	8.41
33 EDGECOMBE	4	7.14	87 SWAIN	1	9.72
34 FORSYTH	22	9.02	88 TRANSYLVANIA	0	0.00
35 FRANKLIN	8	26.61	89 TYRRELL	0	0.00
36 GASTON	13	7.99	90 UNION	8	11.36
37 GATES	1	11.26	91 VANCE	8	21.77
38 GRAHAM	1	13.86	92 WAKE	20	6.64
39 GRANVILLE	7	20.59	93 WARREN	1	6.16
40 GREENE	1	6.20	94 WASHINGTON	1	6.75
41 GUILFORD	19	5.99	95 WATAUGA	2	6.31
			96 WAYNE	3	3.09
			97 WILKES	3	5.11
			98 WILSON	5	7.91
			99 YADKIN	0	0.00
			100 YANCEY	2	13.39

* SEE SECTION I

TABLE 23
MORTALITY STATISTICS FOR 1980
NORTH CAROLINA RESIDENTS
MOTOR VEHICLE ACCIDENTS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	1570	26.72	42 HALIFAX	11	19.89
REGIONS			43 HARNETT	21	35.25
DHR I WESTERN	523	25.98	44 HAYWOOD	12	25.81
DHR II N. CENTRAL	337	26.72	45 HENDERSON	12	20.48
DHR III S. CENTRAL	368	27.12	46 HERTFORD	9	38.51
DHR IV EASTERN	342	27.48	47 HOKE	2	9.81
HSA I WESTERN	283	27.82	48 HYDE	2	34.05
HSA II PIEDMONT	293	26.28	49 IREDELL	15	18.17
HSA III S. PIEDMONT	240	24.10	50 JACKSON	6	23.24
HSA IV CAPITAL	213	26.05	51 JOHNSTON	32	45.32
HSA V CARDINAL	269	29.96	52 JONES	4	41.22
HSA VI EASTERN	272	26.36	53 LEE	15	40.85
COUNTIES			54 LENOIR	12	20.06
1 ALAMANCE	25	25.21	55 LINCOLN	13	30.68
2 ALEXANDER	7	28.00	56 MCDOWELL	11	31.30
3 ALLEGHANY	2	20.85	57 MACON	2	9.91
4 ANSON	12	46.94	58 MADISON	11	65.37
5 ASHE	5	22.39	59 MARTIN	7	26.97
6 AVERY	4	27.77	60 MECKLENBURG	83	20.53
7 BEAUFORT	14	34.76	61 MITCHELL	10	69.30
8 BERTIE	7	33.29	62 MONTGOMERY	5	22.25
9 BLADEN	8	26.27	63 MOORE	13	25.74
10 BRUNSWICK	15	41.93	64 NASH	28	41.69
11 BUNCOMBE	40	24.85	65 NEW HANOVER	30	28.99
12 BURKE	16	22.06	66 NORTHAMPTON	7	30.99
13 CABARRUS	19	22.12	67 ONSLOW	20	17.73
14 CALDWELL	8	11.80	68 ORANGE	23	29.84
15 CAMDEN	1	17.14	69 PAMLICO	2	19.23
16 CARTERET	6	14.60	70 PASQUOTANK	3	10.54
17 CASWELL	5	24.14	71 PENDER	5	22.50
18 CATAWBA	31	29.46	72 PERQUIMANS	2	21.09
19 CHATHAM	10	29.92	73 PERSON	12	41.14
20 CHEROKEE	7	36.97	74 PITT	21	25.10
21 CHOWAN	3	23.89	75 POLK	2	15.40
22 CLAY	0	0.00	76 RANDOLPH	26	28.30
23 CLEVELAND	17	20.37	77 RICHMOND	18	39.58
24 COLUMBUS	20	39.18	78 ROBESON	40	39.38
25 CRAVEN	9	12.66	79 ROCKINGHAM	30	35.96
26 CUMBERLAND	49	19.82	80 ROWAN	32	32.26
27 CURRITUCK	4	36.08	81 RUTHERFORD	20	37.18
28 DARE	4	29.90	82 SAMPSON	18	36.22
29 DAVIDSON	39	34.46	83 SCOTLAND	13	40.28
30 DAVIE	9	36.58	84 STANLY	13	26.79
31 DUPLIN	19	46.39	85 STOKES	10	30.22
32 DURHAM	19	12.43	86 SURRY	18	30.27
33 EDGEcombe	7	12.50	87 SWAIN	13	126.45
34 FORSYTH	56	22.98	88 TRANSYLVANIA	4	17.08
35 FRANKLIN	8	26.61	89 TYRRELL	0	0.00
36 GASTON	46	28.29	90 UNION	19	26.99
37 GATES	3	33.79	91 VANCE	7	19.04
38 GRAHAM	3	41.58	92 WAKE	70	23.26
39 GRANVILLE	13	38.24	93 WARREN	4	24.64
40 GREENE	7	43.43	94 WASHINGTON	1	6.75
41 GUILFORD	66	20.81	95 WATAUGA	11	34.72
			96 WAYNE	36	37.09
			97 WILKES	24	40.91
			98 WILSON	23	36.43
			99 YADKIN	9	31.64
			100 YANCEY	5	33.48

* SEE SECTION I

TABLE 24

MORTALITY STATISTICS FOR 1980

NORTH CAROLINA RESIDENTS

ALL OTHER ACCIDENTS AND ADVERSE EFFECTS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	1592	27.10	42 HALIFAX	1A	32.55
REGIONS			43 HARNETT	19	31.89
DHR I WESTERN	524	26.03	44 HAYWOOD	14	30.11
DHR II N. CENTRAL	302	23.95	45 HENDERSON	25	42.67
DHR III S. CENTRAL	380	28.01	46 HERTFORD	12	51.35
DHR IV EASTERN	386	31.02	47 HOKE	5	24.53
HSA I WESTERN	286	28.11	48 HYDE	5	85.13
HSA II PIEDMONT	248	22.24	49 IREDELL	21	25.44
HSA III S. PIEDMONT	238	23.90	50 JACKSON	7	27.12
HSA IV CAPITAL	221	27.03	51 JOHNSTON	32	45.32
HSA V CARDINAL	281	31.30	52 JONES	0	0.00
HSA VI EASTERN	318	30.82	53 LEE	12	32.68
COUNTIES			54 LENOIR	26	43.46
1 ALAMANCE	22	22.19	55 LINCOLN	16	37.76
2 ALEXANDER	9	36.00	56 MCDOWELL	6	17.07
3 ALLEGHANY	2	20.85	57 MACON	5	24.77
4 ANSON	10	39.12	58 MADISON	8	47.54
5 ASHE	6	26.87	59 MARTIN	10	38.53
6 AVERY	4	27.77	60 MECKLENBURG	87	21.52
7 BEAUFORT	16	39.73	61 MITCHELL	3	20.79
8 BERTIE	11	52.32	62 MONTGOMERY	8	35.60
9 BLADEN	14	45.97	63 MOORE	19	37.62
10 BRUNSWICK	11	30.75	64 NASH	20	29.78
11 BUNCOMBE	43	26.71	65 NEW HANOVER	19	18.36
12 BURKE	19	26.20	66 NORTHAMPTON	6	26.56
13 CABARRUS	24	27.94	67 ONSLOW	22	19.50
14 CALDWELL	16	23.61	68 ORANGE	11	14.27
15 CAMDEN	1	17.14	69 PAMLICO	7	67.32
16 CARTERET	6	14.60	70 PASQUOTANK	5	17.56
17 CASWELL	10	48.29	71 PENDER	16	72.02
18 CATAWBA	22	20.91	72 PERQUIMANS	4	42.18
19 CHATHAM	6	17.95	73 PERSON	14	48.00
20 CHEROKEE	6	31.69	74 PITT	26	31.08
21 CHOWAN	3	23.89	75 POLK	9	69.33
22 CLAY	4	60.40	76 RANDOLPH	26	28.30
23 CLEVELAND	28	33.56	77 RICHMOND	15	32.98
24 COLUMBUS	22	43.10	78 ROBESON	45	44.30
25 CRAVEN	25	35.18	79 ROCKINGHAM	31	37.15
26 CUMBERLAND	47	19.01	80 ROWAN	21	21.17
27 CURRITUCK	5	45.10	81 RUTHERFORD	16	29.74
28 DARE	2	14.95	82 SAMPSON	22	44.27
29 DAVIDSON	21	18.55	83 SCOTLAND	9	27.88
30 DAVIE	7	28.45	84 STANLY	15	30.91
31 DUPLIN	10	24.41	85 STOKES	6	18.13
32 DURHAM	35	22.90	86 SURRY	12	20.18
33 EDGECOMBE	23	41.08	87 SWAIN	4	38.91
34 FORSYTH	53	21.74	88 TRANSYLVANIA	3	12.81
35 FRANKLIN	10	33.27	89 TYRRELL	1	25.15
36 GASTON	39	23.99	90 UNION	15	21.31
37 GATES	3	33.79	91 VANCE	13	35.37
38 GRAHAM	5	69.30	92 WAKE	71	23.60
39 GRANVILLE	13	38.24	93 WARREN	4	24.64
40 GREENE	4	24.81	94 WASHINGTON	5	33.78
41 GUILFORD	50	15.76	95 WATAUGA	2	6.31
			96 WAYNE	20	20.60
			97 WILKES	15	25.57
			98 WILSON	22	34.84
			99 YADKIN	10	35.16
			100 YANCEY	5	33.48

* SEE SECTION I

TABLE 25
MORTALITY STATISTICS FOR 1980
NORTH CAROLINA RESIDENTS
SUICIDE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	657	11.18	42 HALIFAX	4	7.23
REGIONS			43 HARNETT	6	10.07
DHR I WESTERN	236	11.72	44 HAYWOOD	4	8.60
DHR II N. CENTRAL	154	12.21	45 HENDERSON	10	17.07
DHR III S. CENTRAL	144	10.61	46 HERTFORD	2	8.55
DHR IV EASTERN	123	9.88	47 HOKE	1	4.90
HSA I WESTERN	124	12.19	48 HYDE	1	17.02
HSA II S. WESTERN	136	12.20	49 IREDELL	6	7.26
HSA III S. PIEDMONT	117	11.24	50 JACKSON	3	11.62
HSA IV CAPITAL	95	11.61	51 JOHNSTON	11	15.58
HSA V CARDINAL	93	10.36	52 JONES	0	0.00
HSA VI EASTERN	97	9.40	53 LEE	4	10.89
COUNTIES			54 LENOIR	11	18.38
1 ALAMANCE	8	8.06	55 LINCOLN	3	7.08
2 ALEXANDER	2	8.00	56 MCDOWELL	5	14.23
3 ALLEGHANY	2	20.85	57 MACON	3	14.86
4 ANSON	1	3.91	58 MADISON	0	0.00
5 ASHE	9	40.31	59 MARTIN	2	7.70
6 AVERY	1	6.94	60 MECKLENBURG	37	9.15
7 BEAUFORT	4	9.93	61 MITCHELL	3	20.79
8 BERTIE	3	14.26	62 MONTGOMERY	5	22.25
9 BLADEN	4	13.13	63 MOORE	5	9.90
10 BRUNSWICK	2	5.59	64 NASH	5	7.44
11 RUNCOMBE	23	14.29	65 NEW HANOVER	12	11.59
12 RURKE	3	4.13	66 NORTHAMPTON	3	13.28
13 CABARRUS	10	11.64	67 ONSLOW	11	9.75
14 CALDWELL	9	13.28	68 ORANGE	5	6.48
15 CAMDEN	1	17.14	69 PAMLICO	1	9.61
16 CARTERET	1	2.43	70 PASQUOTANK	4	14.05
17 CASWELL	0	0.00	71 PENDER	3	13.50
18 CATAWBA	13	12.35	72 PERQUIMANS	0	0.00
19 CHATHAM	3	8.97	73 PERSON	6	20.57
20 CHEROKEE	1	5.28	74 PITT	6	7.17
21 CHOWAN	2	15.92	75 POLK	0	0.00
22 CLAY	2	30.20	76 RANDOLPH	11	11.97
23 CLEVELAND	10	11.98	77 RICHMOND	4	8.79
24 COLUMBUS	9	17.63	78 ROBESON	8	7.87
25 CRAVEN	4	5.63	79 ROCKINGHAM	9	10.78
26 CUMBERLAND	23	9.30	80 ROWAN	14	14.11
27 CURRITUCK	2	18.04	81 RUTHERFORD	3	5.57
28 DARE	1	7.47	82 SAMPSON	9	18.11
29 DAVIDSON	18	15.90	83 SCOTLAND	1	3.09
30 DAVIE	3	12.19	84 STANLY	4	8.24
31 DUPLIN	2	4.88	85 STOKES	5	15.11
32 DURHAM	11	7.19	86 SURRY	7	11.77
33 EDGEcombe	3	5.35	87 SWAIN	2	19.45
34 FORSYTH	29	11.90	88 TRANSYLVANIA	3	12.81
35 FRANKLIN	2	6.65	89 TYRRELL	1	25.15
36 GASTON	25	15.37	90 UNION	13	18.47
37 GATES	2	22.53	91 VANCE	2	5.44
38 GRAHAM	1	13.86	92 WAKE	43	14.29
39 GRANVILLE	5	14.70	93 WARREN	3	18.48
40 GREENE	1	6.20	94 WASHINGTON	2	13.51
41 GUILFORD	44	13.87	95 WATAUGA	4	12.62
			96 WAYNE	10	10.30
			97 WILKES	7	11.93
			98 WILSON	8	12.67
			99 YADKIN	2	7.03
			100 YANCEY	1	6.69

* SEE SECTION I

TABLE 26
MORTALITY STATISTICS FOR 1980
NORTH CAROLINA RESIDENTS
HOMICIDE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	669	11.38	42 HALIFAX	5	9.04
REGIONS			43 HARNETT	13	21.82
DHR I WESTERN	220	10.92	44 HAYWOOD	2	4.30
DHR II N. CENTRAL	134	10.62	45 HENDERSON	4	6.82
DHR III S. CENTRAL	189	13.93	46 HERTFORD	3	12.83
DHR IV EASTERN	126	10.12	47 HOKE	3	14.72
			48 HYDE	0	0.00
HSA I WESTERN	92	9.04	49 IREDELL	6	7.26
HSA II N. CENTRAL	108	9.68	50 JACKSON	2	7.74
HSA III S. CENTRAL	128	12.85	51 JOHNSTON	6	8.49
HSA IV CAPITAL	96	11.74	52 JONES	0	0.00
HSA V CARDINAL	137	15.26	53 LEE	4	10.89
HSA VI EASTERN	108	10.46	54 LENOIR	7	11.70
			55 LINCOLN	5	11.80
COUNTIES			56 MCDOWELL	1	2.84
1 ALAMANCE	16	16.13	57 MACON	1	4.95
2 ALEXANDER	2	8.00	58 MADISON	2	11.88
3 ALLEGHANY	1	10.42	59 MARTIN	4	15.41
4 ANSON	4	15.64	60 MECKLENBURG	65	16.07
5 ASHE	1	4.47	61 MITCHELL	0	0.00
6 AVERY	1	6.94	62 MONTGOMERY	4	17.80
7 BEAUFORT	7	17.38	63 MOORE	7	13.86
8 BERTIE	7	33.29	64 NASH	9	13.40
9 BLADEN	6	19.70	65 NEW HANOVER	7	6.76
10 BRUNSWICK	2	5.59	66 NORTHAMPTON	4	17.71
11 BUNCOMBE	16	9.94	67 ONSLOW	11	9.75
12 BURKE	8	11.03	68 ORANGE	7	9.08
13 CABARRUS	9	10.47	69 PAMLICO	0	0.00
14 CALDWELL	10	14.76	70 PASQUOTANK	1	3.51
15 CAMDEN	0	0.00	71 PENDER	1	4.50
16 CARTERET	0	0.00	72 PERQUIMANS	1	10.54
17 CASWELL	1	4.82	73 PERSON	5	17.14
18 CATAWBA	15	14.25	74 PITT	8	9.56
19 CHATHAM	2	5.98	75 POLK	5	38.51
20 CHEROKEE	1	5.28	76 RANDOLPH	5	5.44
21 CHOWAN	1	7.96	77 RICHMOND	12	26.38
22 CLAY	2	30.20	78 ROBESON	20	19.69
23 CLEVELAND	8	9.58	79 ROCKINGHAM	9	10.78
24 COLUMBUS	8	15.67	80 ROWAN	14	14.11
25 CRAVEN	10	14.07	81 RUTHERFORD	5	9.29
26 CUMBERLAND	40	16.18	82 SAMPSON	7	14.08
27 CURRITUCK	0	0.00	83 SCOTLAND	3	9.29
28 DARE	1	7.47	84 STANLY	6	12.36
29 DAVIDSON	9	7.95	85 STOKES	3	9.06
30 DAVIE	2	8.12	86 SURRY	1	1.68
31 DUPLIN	2	4.88	87 SWAIN	2	19.45
32 DURHAM	20	13.09	88 TRANSYLVANIA	0	0.00
33 EDGECOMBE	9	16.07	89 TYRRELL	1	25.15
34 FORSYTH	25	10.25	90 UNION	2	2.84
35 FRANKLIN	7	23.28	91 VANCE	7	19.04
36 GASTON	21	12.91	92 WAKE	31	10.30
37 GATES	0	0.00	93 WARREN	1	6.16
38 GRAHAM	0	0.00	94 WASHINGTON	2	13.51
39 GRANVILLE	6	17.65	95 WATAUGA	0	0.00
40 GREENE	3	18.61	96 WAYNE	5	5.15
41 GUILFORD	36	11.35	97 WILKES	2	3.40
			98 WILSON	7	11.08
			99 YADKIN	1	3.51
			100 YANCEY	1	6.69

* SEE SECTION I

TABLE 27
MORTALITY STATISTICS FOR 1980
NORTH CAROLINA RESIDENTS
INFANT DEATHS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1980	DEATH RATE* 1980	COUNTIES (CONT'D)	NUMBER OF DEATHS 1980	DEATH RATE* 1980
NORTH CAROLINA	1219	14.42	42 HALIFAX	22	24.14
REGIONS			43 HARNETT	12	12.52
			44 HAYWOOD	8	16.00
DHR I WESTERN	395	14.70	45 HENDERSON	7	9.65
DHR II N. CENTRAL	190	12.29	46 HERTFORD	4	10.95
DHR III S. CENTRAL	334	15.60	47 HOKE	5	14.57
DHR IV EASTERN	292	14.43	48 HYDE	1	10.98
			49 IREDELL	19	17.41
HSA I WESTERN	102	14.20	50 JACKSON	4	12.02
HSA II PIEDMONT	163	11.54	51 JOHNSTON	20	20.65
HSA III S. PIEDMONT	213	15.17	52 JONES	1	8.33
HSA IV CAPITAL	171	15.29	53 LEE	11	18.73
HSA V CARDINAL	245	16.10	54 LENOIR	15	16.96
HSA VI EASTERN	245	14.32	55 LINCOLN	9	16.66
			56 MCDOWELL	4	10.20
COUNTIES			57 MACON	6	27.39
			58 MADISON	1	5.37
1 ALAMANCE	17	14.76	59 MARTIN	8	21.79
2 ALEXANDER	6	17.34	60 MECKLENBURG	98	16.50
3 ALLEGHANY	3	27.27	61 MITCHELL	1	5.74
4 ANSON	8	21.39	62 MONTGOMERY	5	15.10
5 ASHE	11	36.54	63 MOORE	10	14.24
6 AVERY	1	5.15	64 NASH	19	18.57
7 REAUFORT	10	16.44	65 NEW HANOVER	15	10.78
8 BERTIE	5	15.01	66 NORTHAMPTON	5	14.83
9 BLADEN	4	9.19	67 ONSLOW	34	12.75
10 BRUNSWICK	7	13.20	68 ORANGE	16	17.66
11 BUNCOMBE	28	13.97	69 PAMLICO	3	28.30
12 BURKE	12	13.77	70 PASQUOTANK	9	20.31
13 CABARRUS	15	13.86	71 PENDER	6	17.80
14 CALDWELL	17	19.79	72 PERQUIMANS	1	8.40
15 CAMDEN	1	12.50	73 PERSON	5	14.00
16 CARTERET	5	8.00	74 PITT	10	7.59
17 CASWELL	2	8.77	75 POLK	2	16.66
18 CATAWBA	16	11.13	76 RANDOLPH	13	11.17
19 CHATHAM	5	10.52	77 RICHMOND	13	19.57
20 CHEROKEE	1	3.77	78 ROBESON	35	18.99
21 CHOWAN	5	28.08	79 ROCKINGHAM	20	18.08
22 CLAY	1	11.49	80 ROWAN	18	12.99
23 CLEVELAND	23	19.59	81 RUTHERFORD	12	16.71
24 COLUMBUS	19	21.96	82 SAMPSON	8	11.47
25 CRAVEN	14	9.41	83 SCOTLAND	13	24.43
26 CUMBERLAND	85	16.30	84 STANLY	9	14.87
27 CURRITUCK	1	6.99	85 STOKES	2	5.27
28 DARE	0	0.00	86 SURRY	6	8.28
29 DAVIDSON	13	9.00	87 SWAIN	2	12.04
30 DAVIE	4	12.61	88 TRANSYLVANIA	1	3.63
31 DUPLIN	5	8.81	89 TYRRELL	2	28.16
32 DURHAM	29	13.78	90 UNION	14	12.75
33 EDGECOMBE	16	18.22	91 VANCE	11	19.67
34 FORSYTH	34	10.86	92 WAKE	55	13.20
35 FRANKLIN	6	16.99	93 WARREN	7	23.10
36 GASTON	31	13.47	94 WASHINGTON	2	9.38
37 GATES	2	15.26	95 WATAUGA	2	6.11
38 GRAHAM	0	0.00	96 WAYNE	21	12.47
39 GRANVILLE	6	14.56	97 WILKES	12	15.42
40 GREENE	4	16.39	98 WILSON	20	21.16
41 GUILFORD	46	11.08	99 YADKIN	6	18.07
			100 YANCEY	1	5.64

* SEE SECTION I

REFERENCES

- (1) Kleinman, Joel (July 1976). "Infant Mortality," Statistical Notes for Health Planners, National Center for Health Statistics, No. 2, Hyattsville, Maryland.

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